This catalog provides general information about UH Maui College, and its programs and services, and summarizes major policies and procedures relevant to the student. In-

Disclaimer Statement –

The following officers are designated to handle inquiries regarding nondiscrimination policies:

- Title IX Coordinator, 808-984-3601
- Interim Assistant Dean of Instruction (Title IX Deputy Coordinator for Students), 808-984-3376
- Vice Chancellor of Administrative Affairs (Title IX Deputy Coordinator for Employees), 808-984-3253
- Disability Services Counselor (Section 504 Coordinator – Students), 808-984-3227
- Section 504 Coordinator – Employees, 808-984-3601

Hearing impaired individuals may contact the College for information by using the telecommunications device for the deaf (TDD) relay service number 808-984-3325. Information about the programs, services, activities, and facilities that are available to persons with disabilities can be obtained by contacting the Disability Services Coordinator at 808-984-3227.

UH Maui College is committed to comply with all State and Federal statutes, rules, and regulations that prohibit discrimination and to a policy of nondiscrimination on the basis of race, sex, age, religion, color, national origin, ancestry, citizenship, disability, marital status, breastfeeding, income assignment for child support, arrest and court records (except as permissible under state law), sexual orientation, National Guard absences, gender identity and expression, genetic information, or status as a covered veteran. This policy covers admission and access to, and participation, treatment, and employment in the College’s programs, activities and services. Sexual harassment is prohibited under this policy. The College shall promote a full realization of equal opportunity through a positive, continuing program of nondiscrimination and affirmative action (41 CFR Chapter 60).

College information is available in alternative formats such as Braille, large-print, reader assistance, and by computer disk.

UHMC offers Career and Technical Education (CTE) Programs of Study leading to Associate of Science (AS) and Associate of Applied Science (AAS) degrees, as well as postsecondary certificates, in career fields such as arts and communications, business, health services, industrial and engineering technology, natural resources, and public and human services. For more information visit our website at http://maui.hawaii.edu.

UHMC applies an open access policy, with program admission based upon the completion of applicable course/testing prerequisites. The lack of English skills will not be a barrier to admission and participation in CTE programs. For language translation assistance, please see the campus Admissions Office.

The University of Hawai‘i’s is an equal opportunity/affirmative action institution.

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Main Telephone Number........................................ 808-984-3500
Admission & Registration ........................................ 984-3267, 984-3276
Apprenticeship .................................................... 984-3404, 984-3216
Bookstore ................................................................ 984-3248
Business Office ....................................................... 984-3257, 984-3288
Computing Center and IT Help Desk ......................... 984-3283
Continuing Education & Training (Non-Credit Courses) ........................................ 984-3231
Cooperative Education ............................................ 984-3318
Counseling Center .................................................... 984-3306
Educational Opportunity Center .............................. 984-3286, 984-3287
Financial Aid .......................................................... 984-3277
Food Court .............................................................. 984-3225
Hāna Education Center ............................................. 248-7380
Health Center .......................................................... 984-3493
Job Placement .......................................................... 984-3328
Lahaina Education Center ......................................... 662-3911
Lāna‘i Education Center ............................................ 565-7266
Library .................................................................... 984-3233
Lost & Found ............................................................ 984-3500
Maintenance ............................................................. 984-3255
Media Center ............................................................ 984-3283
Moloka‘i Education Center ........................................ 553-4490
Moloka‘i Farm ............................................................ 567-6577
Security ................................................................... 984-3255
Small Business Development Center ....................... 875-2402
Student Government ................................................ 984-3260
Student Life ............................................................... 984-3434
Student Services ....................................................... 984-3276, 984-3267
Testing ..................................................................... 984-3267
The Learning Center (TLC)/Tutoring ......................... 984-3240
Upward Bound ........................................................ 984-3564, 984-3299
Veterans Resource Center ........................................ 984-3242

Department Chair Phone Numbers
Dept. Chair, Allied Health, Anne Scharnhorst .................. 984-3646
Dept. Chair, Business & Hospitality, Lorelle Pers ........................................ 984-3343
Dept. Chair, CTE/VocTech, Thomas Hussey .................. 984-3236
Dept. Chair, English, Eric Engh .................................. 984-3475
Dept. Chair, Humanities, Kuhele Dukelow .................... 984-3346
Dept. Chair, Social Science, Julie Powers ........................ 984-3291
Dept. Chair, STEM, Sean Calder .................................. 984-3220

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Aloha and welcome to UH Maui College!

To all of our students – full or part-time, resident or non-resident, degree-seeking or non-degree-seeking – I extend sincere appreciation that you have chosen to be part of our College community. We are happy that you are here. We will strive to make your experience enriching and valuable.

To all those who work here – whether in an administrative, teaching, or support capacity – I extend thanks for your hard work and commitment to our students and College. Your contributions will help us achieve great outcomes for all.

To our island community and the world beyond, we say that UH Maui College takes seriously its mission of higher education. Few responsibilities could be more important than helping students obtain academic, career, and personal goals. Few investments could be more important than investments made in human minds.

May this Catalog serve as a useful tool to ensure the preparation and progress of all.

Warmest regards,

Lui K. Hokanson, EdD
Chancellor

UH Maui College

The University of Hawai‘i Maui College (UHMC) serves the educational needs of residents of the three islands comprising Maui County: Moloka‘i, Lāna‘i, and Maui.

Mission

The University of Hawai‘i Maui College inspires students to develop knowledge and skills in pursuit of academic, career, and personal goals in a supportive educational environment that emphasizes community engagement, lifelong learning, sustainable living, Native Hawaiian culture, and global understanding.

Vision

The University of Hawai‘i Maui College: We will prepare students to respond to emerging challenges in their lives, communities, and the world through compassion, leadership, problem-solving, and innovation.

Accreditation

University of Hawai‘i Maui College is accredited by the WASC Senior College and University Commission, 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, 510-748-9001, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

History

UH Maui College is an outgrowth of the Maui Vocational School established in 1931. In 1958 the Department of Public Instruction authorized the name change to Maui Technical School, denoting an upgrade of vocational education to a technical level. In 1964 the Hawai‘i State Legislature enacted the Community College Act establishing a statewide community college system under the University of Hawai‘i. Maui Technical School was incorporated into this system on July 1, 1965, and jurisdiction transferred from the Department of Education to the University of Hawai‘i.

In 1966 the UH Board of Regents authorized the College to confer the Associate in Arts and the Associate in Science degrees and approved the name change to Maui Community College, effective July 1, 1966. The first lower division transfer courses followed in September 1967.

In February 2010, the UH Board of Regents approved the name change from Maui Community College to University of Hawai‘i Maui College to more accurately represent the college’s programs and services that now include 20 associate and 3 baccalaureate programs.

The College is one of seven community colleges in the UH system. It is the only UH college that specifically serves the residents of more than one island. The Fall 2016 student population was 3,164 students. The main campus encompasses 78 acres at the Kahului site. Since 1991, 7 buildings have been added: Ka Lama, Ka‘ike, Kāmili, Kōpū, ‘Ike Le‘a, Laulimala, and Pa‘ina. A private, off-campus apartment facility is within a short walking distance to the Kahului campus, shopping centers, markets, and banks.

Accommodating students by using alternative delivery has been a primary value of the College. Self-paced classes, begun in 1985, opened up an array of concurrently-taught courses and diversified offerings in areas with a lower population base. Technological advances further opened access to students by minimizing their need to be physically present on the Kahului campus. The first cable course was broadcast across Maui County in 1986. The SkyBridge tri-aside interactive television system followed shortly in 1988 and enabled students at Moloka‘i, Lāna‘i, and Hana to participate in classes simulcast from the Kahului studio. Statewide delivery via the Hawai‘i Interactive Television System (HTS) began in 1991, which made possible advanced degrees from UH four-year institutions.

The history of UH Maui College also reflects its value to accommodate students with difficulty reaching the Kahului campus through the development of Outreach Centers in Hāna, Lāna‘i, and Moloka‘i.

Associate degrees (AA, AS, AAS, and ATS) may be completed in two years. The Bachelor of Applied Science (BAS) degree may be completed in four years. Some students do not wish to pursue a certificate or degree and select courses according to their own personal interests or career needs.

University of Hawai‘i Maui College

The University of Hawai‘i Maui College works in partnership with the UH colleges at Manoa, West Oahu, and Hilo to offer bachelor and master programs and professional certificates to students in Maui County. Classes are taught onsite at the Kahului campus or through distance technology and make it possible for students who live and work in Maui County to earn advanced degrees. Course schedules are designed to accommodate students’ work and family responsibilities.

For information, call 808-984-5223, or visit the website: umc.maps.hawaii.edu.

Summer Session

The College summer session provides the opportunity to accelerate progress toward a certificate or degree. Since summer session is “self-supporting,” tuition rates for most courses are higher than regular sessions.

For Contact Admissions & Records, call 808-984-3267 for a schedule or visit: www.maui.hawaii.edu/class.

Moloka‘i Education Center

Olcott classes were last offered in 1970 to Moloka‘i residents. Hotel Operations and Liberal Arts classes were taught at the Kaukahi Elementary School. In 1986, the College rented a 2,000 sq. ft. facility, and enrollments doubled. The Moloka‘i Ag Farm, acquired in 1982, offered Agricultural Careers, the first onsite full-time college degree program accessible to the residents.

Flexible instructional delivery modes played an integral role in expanding Moloka‘i’s offerings with self-paced, cable, and SkyBridge classes. Implementation of HTS in 1991 gave access to advanced degrees from other UH institutions. Many Moloka‘i-based lecturers are hired as onsite instructors. Students follow published sequences leading to certificates and degrees and take part in cyclic commencements on Moloka‘i attended by families and friends.

The dream of a permanent facility became a reality in August 1999 with opening of the Moloka‘i Education Center, which remains the focal point of higher education on Moloka‘i’s today. The facility houses a general purpose classroom, three interactive television studios, a computer lab, a library, a seminar room, and offices.

For information, call 808-553-4490.
Lāna'i Education Center
The Lāna'i Education Center is the only post-secondary educational institute on the island of Lāna'i for the past 30 plus years, serving the community and acting as liaison for the University of Hawai'i system. The center is located in the heart of Lāna'i City. The facility houses two distance learning classrooms, an individual conference room, a computer lab available to students and residents, and staff offices.

The Lāna'i program offers courses each term through distance and live classes. The student population is comprised of high school students earning dual credit from UHMC and high school, as well as learners of all ages earning certificates and degrees, or taking courses to better their skills in the job market. Distance courses are also available for bachelor and master level degrees.

For information, call 808-565-7266.

Hāna Education Center
The Hāna Education Center has been making higher education possible for the residents of the remote East Maui community since 1987. It is conveniently located in the Hāna Community Center, in the heart of town. Classes are produced via the University of Hawai'i HITS (two-way closed circuit TV) system, cable television, the internet and “live” onsite. By utilizing the technologically advanced HITS system, students are able to participate in courses taught throughout the UH system, including those leading to advanced degrees.

The student base is comprised of degree seekers and lifelong learners as well as high school students. It is not unusual to have several generations of one family enrolled in various classes in a given semester.

For information, call 248-7380.

Lahaina Education Center
The newest of the UHMC outreach sites, the Lahaina Education Center, manages all aspects of the college experience for the residents of West Maui. Students attend “live” credit classes with local instructors, or attend via the HITS closed circuit TV system. Students and community members utilize the Center for placement testing, applying for financial aid online, exam proctoring, or arranging a meeting with an academic advisor in person or via video conferencing. Continuing Education classes are available, as well as meetings and seminars for college bound residents. Located on Kenui Street between Front Street and Honolua, the Lahaina Education Center is an integral part of the West Maui community.

For information, call 808-662-3911.

Office of Continuing Education and Training
The Office of Continuing Education and Training (OCET) serves Maui County’s continuing education needs with an emphasis on workforce development, hands-on training, lifelong learning, and cultural understanding. Through partnerships with the Hawai’i Department of Labor and Industrial Relations and the public workforce system, OCET provides career training and support services to develop the skills and credentials needed for employment. Other OCET programs include: customized training for businesses, EdVenture, Maui Food Innovation Center, and (described in Special Curriculums section) the Trades Apprenticeship training program and the Sustainable Living Institute of Maui. Classes are offered at the Kahului campus.

For more info, call 808-984-3231, or visit mauicounty.officialsite.com/training.

EdVenture
EdVenture offers continuing education, career training, and professional development courses in a wide range of topics including food innovation, computers and technology, business languages, Hawaiian culture, art, youth classes, agriculture, and energy. No matter where you are in life, EdVenture is your source for lifelong learning on Maui.

For info, call 808-984-3231 or visit www.maui.edventure.org.

Maui Food Innovation Center
The Maui Food Innovation Center (MFIC) is a business incubator designed to support local food producers through education and training, business incubation services, and research as well as development of food products. MFIC works with partners to develop new food ventures such as companies into medium-sized food manufacturing in the State of Hawai‘i by providing education, access to industry leaders, and a shared-use food business incubator and processing facility with a vast array of resources and technologies to elevate and foster their growth.

For more information, call 808-984-3390, or visit maui.edventure.org/foodinnovation, or email mfic@hawaii.edu.

Small Business Development Center - SBDCN
The Hawai’i Small Business Development Center coordinates two centers:

Small Business Development Center
The Maui office of the Hawaii SBDC provides counseling, training, and other resources to small businesses. Funded by the U.S. Small Business Administration and the State of Hawai‘i, the SBDC provides confidential on-one-one counseling by qualified business professionals, as well as in-class workshops, networking events, and online training. There are no fees for consulting services.

For information, call 875-5990, or visit the website: www.hisbdc.org.

Hawai’i Business Research Library
The Hawai’i Business Research Library (HBRL) is a specialty center of the Hawai’i SBDC that provides statewide research services to businesses, entrepreneurs, and students. A wide variety of customized business research is available, including industry trends, market analysis, and demographics. All these services, plus quick answers and business start-up questions, are provided free of charge. The HBRL publishes the Maui County Data Book and also the guide to new entrepreneurs, Starting a Business in Maui County.

For appointments, call 875-5990 in advance or email library@hisbdc.org.

UH Maui College Development Office
UH Maui College seeks private gifts to sustain and advance the College. Gifts assist students with scholarship aid, provide critically needed funds for specific programs including instructional resources and faculty/staff development, and provide the flexibility to plan and build for the future. Private gifts to the College are made through the University of Hawaii Foundation, which, through its Maui office, supports the College’s fundraising efforts.

For details, call the UH Foundation Office at 808-984-3471.
Curricula

UH Maui College offers a broad range of curricula from bachelor degrees to one- course certificates in three general areas:

- **Baccalaureate** - Bachelor degrees based on a minimum of 120 credits achievable in four years with full-time attendance. The College offers a Bachelor of Applied Science in three fields.
- **Liberal Arts** - Curricula based on the sciences, humanities, and social sciences. In this category, the College offers several Associate degrees with a minimum of 60 credits, plus numerous short-term certificates.
- **Career & Technical** - Programs that provide students with skills and competencies for gainful employment. In this category, the College offers Associate degrees with a minimum of 60 credits in 17 CTE disciplines, plus many short-term certificates.

This chapter is organized accordingly, reporting for each category the available credentials and their requirements, along with the Program Maps of recommended course sequences.

Collegewide Academic Student Learning Outcomes

Collegewide Academic Student Learning Outcomes (CASLOs) are a set of core competencies in critical thinking, creativity, oral and written communication, information literacy, and quantitative reasoning that students develop across the curriculum through coursework in each program of study at UH Maui College. As students demonstrate these outcomes, they show readiness to pursue academic, professional, and personal goals within the context of a dynamic, multi-cultural, democratic society. Each program of study at UHMCC integrates curriculum that develops these skills. Students demonstrate CASLO skills appropriate for their degree through coursework or a "capstone" project as a requirement for AA, AS, AAS, or BAS degrees.

Critical Thinking

Critical thinking, an analytical and creative process, is essential to every content area and discipline. It is an integral part of information retrieval and technology, oral communication, quantitative reasoning, and written communication. Students should be able to apply critical reasoning skills to effectively address challenges and solve problems.

Creativity

Students should be able express their ideas through a variety of forms. Students should be able to convey their creative ideas to a variety of audiences and purposes.

Oral Communication

Oral communication is an integral part of every content area and discipline. Students should be able to practice ethical and responsible oral communication appropriate to a variety of audiences and purposes.

Written Communication

Written communication is an integral part of every content area and discipline. Students should be able to write effectively to convey ideas that meet the needs of specific audiences and purposes.

Information Literacy

Information literacy is an integral part of every content area and discipline. Students should be able to access, evaluate, and utilize information effectively, ethically, and responsibly.

Quantitative Reasoning

Quantitative reasoning can have applications in all content areas and disciplines. Students should be able to synthesize and articulate information using appropriate mathematical methods to solve problems and logically address real-life situations.

Program Requirements & Maps

The pages that follow are organized with a description of requirements for the BAS programs and then for the Liberal Arts and the CTE programs, displaying for each the Program Map that suggests the sequence for taking requirements with full-time enrollment.

Baccalaureate

UH Maui College offers three programs of study leading to the Bachelor of Applied Science (BAS) degree. These programs are based upon a minimum of 120 credits, which may be completed in four years with full-time attendance.

The first baccalaureate offered at the College is the Applied Business and Information Technology (ABIT), which received accreditation in 2007. This degree combines curricula from business, information technology, and liberal arts.

The second BAS degree offered is in Engineering Technology (ENGT), which was approved for implementation beginning Fall 2010. This program provides graduates with the competencies to address local and regional needs for engineering technologists with specialized skills in optics, remote sensing, and related fields.

The third BAS degree offered is in Sustainable Science Management (SSM). This program provides graduates with a core curriculum emphasizing basic and applied sciences related to energy and sustainability, as well as communications and business fundamentals.
Bachelor of Applied Science: Applied Business & Information Technology

The Bachelor of Applied Science (BAS) degree in Applied Business & Information Technology (ABIT) combines curriculum from business, information technology, and liberal arts that emphasize entrepreneurship and small-to-medium sized business management. Only courses numbered 100 and above can be applied toward this degree.

ABIT Graduation Requirements

1. Pre-ABIT: 9 credits Completion of pre-ABIT courses as outlined in (a) above.

2. Business Core: 30 credits
- ACC 201, 202, 300, BLAW 200, BUS 310, 320, ECON 130, 131, MGT 310, and MKT 300.

3. Information Technology Core: 21-22 credits
- ICS 110 or 169, 111 or 184, 171 or 200, 320, 360, 385, and 418.

4. General Education: 27 credits
- COM 459, ENG 209, 210, 225, Hawaiian Emphasis, Global Multicultural Perspective, HUM 400, PHIL 301 or 323, PSY 100 or SOC 100, SP 151 or SP 251 or COM 130 or COM 145.

5. Co-op Project or Upper Division Elective: 3 credits
- A 3-credit BUS 393v cooperative ed course or upper division elective.

6. Capstone Course: 6 credits
- BUS 495 and 496 to be taken the last year with approval of the ABIT Committee.

7. Natural Science: 4 credits
- Four credits including a lab.

8. Writing Intensive: 12 credits
- Minimum of 12 credits of writing intensive courses at the 100-level or higher: at least 3 credits in 100-299 level courses, and at least 6 credits in 300-level or higher.

9. Minimum of 121 non-repeated qualifying credit hours
- ABIT majors are required to earn a letter grade (e.g., A,B,C, etc.) in all upper division courses required for the ABIT program.

10. Grade Point Average
- At least a 2.0 UH Maui College cumulative GPA, as well as a 2.5 GPA in courses required for the ABIT major. Grade C or better is required in all upper division courses applied to the ABIT degree.

11. Graduation Requirement
- To be awarded the BAS degree, students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadlines.

12. Residency Requirement
- A minimum of 30 credit hours must be taken at UH Maui College and a minimum of 8 upper division courses (24 credits) in Business or Information Technology including the Capstone course.

13. Upper Division Business Electives: 12 credits
- For a list of courses, please contact ABIT Program Coordinator.

14. Lower Division Electives: 9 credits
- Students wishing to pursue graduate studies should consider taking Calculus I as a lower division elective.

Applied Business & Information Technology

The Applied Business & Information Technology (ABIT) program, leading to a baccalaureate degree, offers options to students seeking preparation in small to mid-sized business management, information technology, and related or integrated career opportunities. The mission of the program is to prepare graduates to be productive professionals who can make responsible business decisions and use information technology wisely in a changing world. The curriculum emphasizes business and stresses the effective use of information technology. The program also includes a strong interdisciplinary liberal arts program with courses in the humanities, social sciences, English, communication, and mathematics.

While this degree may be earned in four years taking 15-17 credits per semester, students taking a lighter load will take longer to complete the requirements. Students interested in the ABIT program are encouraged to contact the ABIT counselor, program coordinator, or faculty member for more information about program requirements. Only courses numbered 100 or above, and taken with a letter grade, may be applied in the ABIT degree; and for upper division courses only those with grade C or better may be applied.

Contact program coordinator, Dr. Deborah Blumenthal, at 984-3619 or by email at debra@hawaii.edu for more information.

Lower division requirements for ABIT Bachelor of Applied Science (BAS) Degree: 61-63 credits

A student may apply for admission as a classified ABIT major upon successful completion of the following three admission requirements:
- ENG 209 or 210 or 225, ICS 101 or BUSN 150, and MATH 115 (all with grade C or better).

Full-time lower division students would take courses in this sequence:

Freshman Year (Fall)
- Freshman Year (Spring)
- Freshman Year (Spring)
- Sophomore Year (Fall)
- Sophomore Year (Spring)
- Junior Year (Fall)
- Junior Year (Spring)
- Senior Year (Fall)
- Senior Year (Spring)

Tuition and Fees: A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.
Bachelor of Applied Science: Engineering Technology

The Bachelor of Applied Science (BAS) degree in Engineering Technology (ENGT) provides curriculum in electronics, computers, optics, remote sensing, and other technologies used in industry on Maui, throughout the State of Hawai‘i, and worldwide.

ENGT Admission Requirements

For admission to the UH Maui College Engineering Technology program, students must first meet the UH Maui College admission requirements. Admission to UH Maui College does not guarantee admission to the ENGT program.

1. A student may apply for admission as a classified student in the ENGT program upon successful completion of one of the following admission requirements:

   a. Completion of the UH Maui College BAS path for the AS degree in Electronic & Computer Engineering Technology (ECET) with a cumulative GPA of 2.5 or higher in all courses attempted; or
   
   b. Completion of an Associate in Arts (AA), Associate in Applied Science (AAS), or Associate in Science (AS) from an accredited institution with a cumulative GPA of 2.5 or higher in all courses attempted; or

2. A student may apply for admission as a provisional student in the ENGT program upon successful completion of the following admission requirements:

   a. Completion of 40 or more transferable semester credits from an accredited institution with a cumulative GPA of 2.5 or higher in all courses attempted. Classified status will be assigned with completion of the BAS path for the Electronic and Computer Engineering Technology (ECET) AS degree course requirements (or approved equivalent coursework from an accredited institution).
   
   b. Approval of ENGT Committee.

ENGT Graduation Requirements

1. BAS path to ENGT in the ECET program: 64 credits

   Completion of the BAS path of AS requirements in the ECET program (or approved equivalent coursework from an accredited institution).

2. Engineering Technology Upper Division Coursework: 39 credits

   ETRO 305, 310, 315, 320, 340, 350, 360, 370, 450, 455 and 460.

3. Engineering Technology General Education: 19 credits

   PHYS 219 & 219L, MATH 241, PHIL 301 or 323, ENG 316, HUM 400, and COM 459.

4. Capstone Course: 6 credits

   ETRO 497 and 498 are to be taken in the last two semesters with approval of the ENGT Committee.

5. Minimum of 125 qualifying credit hours

   ENGT majors are required to earn a letter grade (e.g., A, B, C, etc.) in all courses required for the ENGT program.

6. Grade Point Average

   At least a 2.0 UH Maui College cumulative GPA, as well as a 2.5 GPA in all courses required for the ENGT major. Grade C or better is required in all upper division ENGT courses.

7. Graduation Requirement

   To be awarded the BAS ENGT degree, students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.

8. Residency Requirement

   A minimum of 30 credit hours must be taken at UH Maui College and a minimum of 8 upper division courses (24 credits) in Engineering Technology including the ENGT Capstone course.

   While this degree may be earned in four years taking 14-18 credits per semester, students taking fewer credits per semester will take longer to complete the requirements.

   Students are required to complete the BAS path for the Electronic and Computer Engineering Technology (ECET) AS degree in order to fulfill their lower division requirements. Only courses numbered 100 or above, and taken with a letter grade, may be applied to the ENGT degree; for the upper division courses listed here, only those with grade C or better may be applied.

   Contact Dr. Elsbeth Dubsuit, at 984-3706 or by email at edubsuit@hawaii.edu for more information.

Requirements for the ENGT Bachelor of Applied Science (BAS) Degree: 64 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Electronics 305 (4)</td>
<td>3</td>
</tr>
<tr>
<td>Communication 459 (3)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities 400 (3)</td>
<td>3</td>
</tr>
<tr>
<td>Physics 219/L (3)</td>
<td>3</td>
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<tr>
<td>Mathematics 241 (4)</td>
<td>4</td>
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<tr>
<td>Philosophy 301 or 323 (3)</td>
<td>3</td>
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<tr>
<td>English 316 (3)</td>
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<tr>
<td>Engineering Computing 305 (4)</td>
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<tr>
<td>Project Management 315 (3)</td>
<td>3</td>
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<tr>
<td>Power Systems 350 (3)</td>
<td>3</td>
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<tr>
<td>Signals and Systems 360 (4)</td>
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<tr>
<td>Electrical Theory PHIL 323 (3)</td>
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<td>Professional Ethics PHYS 219/L (3)</td>
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<td>Physics for Engineering Technology and Lab</td>
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</table>

Full-time upper division students would take courses in this sequence:

Junior Year (Fall)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ETRO 305 Engineering Computing</td>
<td>4</td>
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<tr>
<td>ETRO 310 Applied Robotics</td>
<td>3</td>
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<tr>
<td>ETRO 340 System Integration</td>
<td>4</td>
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<tr>
<td>ENG 516 Advanced Research Writing</td>
<td>3</td>
</tr>
<tr>
<td>MATH 205 → 241 Calculus I</td>
<td>4</td>
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</table>

Senior Year (Fall)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETRO 320 Intermediate Optics</td>
<td>4</td>
</tr>
<tr>
<td>ETRO 459 Signal Processing</td>
<td>4</td>
</tr>
<tr>
<td>ETRO 497 Capstone Project I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 400 Changes &amp; Choices</td>
<td>2</td>
</tr>
<tr>
<td>COM 459 Intercultural Communication II</td>
<td>2</td>
</tr>
</tbody>
</table>

Tuition and Fees: A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.
Bachelor of Applied Science: Sustainable Science Management

The BAS in Sustainable Science Management (SSM) comprises a core curriculum in sustainability science, along with foundational sciences and liberal arts. Courses explore sustainability issues in energy, water, community, and others; analyzing the inter-relatedness of topics through systems thinking and dynamics models; monitoring progress through the use of sustainability indicators; and applying experience via internship and capstone.

The BAS degree is granted to students completing the prescribed four-year program. Only courses numbered 100 and above may be applied toward the degree.

SSM Admission Requirements

Students applying for admission to the SSM program must first meet the UH Maui College admission requirements. In order to declare as an SSM major, students must also complete the following:

1. ENG 100 with grade C or better;
2. MATH 103 with grade C or better,
3. MA TH 103 with grade C or better,
4. B USN 150 or ICS 101, either with grade C or better;
5. B USN 150 or ICS 101, either with grade C or better;
6. SSM 101 with grade C or better;
7. College chemistry with lab (minimum 4 credits) with grade C or better;
8. College chemistry with lab (minimum 4 credits) with grade C or better;
9. Biology with lab (minimum 4 credits) with grade C or better;
10. Biology with lab (minimum 4 credits) with grade C or better;
11. SSM 275 or equivalent with grade C or better;
12. SSM 275 or equivalent with grade C or better;
13. SSM 201 or OCN 201/201L, either with grade C or better;
14. SSM 201 or OCN 201/201L, either with grade C or better;
15. G eneral education coursework in the SSM program.
16. General education coursework in the SSM program.

SSM Lower Division Requirements

Prior to enrolling in upper division (300+ level) SSM courses, students should first complete lower division requirements that may be accomplished in a number of ways:

New Students - Base Program Path

Students starting at UH Maui College follow the SSM Program Map. While this path is unique to the SSM program, it also meets the requirements of Liberal Arts AA degree pathways.

Transfer & Other Non-New Students

1. All non-new students
   a. All transferring and non-new students are required to meet the SSM lower division requirements in order to qualify for upper division coursework in the SSM program.
   b. MATH 115; and MATH 135 or higher; both with grade C or better;
   c. College chemistry with lab (minimum 4 credits) with grade C or better;
   d. SSM 275 or equivalent with grade C or better;
   e. SSM 201 or OCN 201/201L, either with grade C or better;
   f. SSM 101 and 202, both with grade C or better;
   g. Minimum 62 credits in 100+ level coursework.

Note: Students should complete upper division SSM prerequisites early in their program.

2. UHMC degree graduates

Students who have graduated with a UHMC two-year degree in ASNS Natural Science, AA Liberal Arts, or AA Hawaiian Studies, and have applied as an SSM major, may take one SSM upper division course per semester for up to three semesters, as long as enrolled in 1a-g coursework.

3. Other degree graduates

Students holding a two or four year degree from an accredited institution must have:
   a. cumulative GPA of 2.5 or higher in their degree work,
   b. at least 40 hours of transferable credit,
   c. met the above a-g requirements of 1 in order to take upper division coursework in the SSM program.

4. Non-degree students

Students who have completed 62 or more credits of 100+ coursework at an accredited institution may apply to take upper division coursework.

Non-degree students shall have a) substantively met the SSM lower division requirements set forth in the SSM Program Map, b) achieved grade C or better in all SSM program requirements with a cumulative 2.5 GPA on all transferring credits, and c) met all requirements of paragraph 1a-e.

SSM Graduation Requirements

Students must complete the following in order to graduate with a BAS degree in Sustainability Science Management:

1. Meet all lower division requirements in the SSM Program Map or in paragraph 1a-g
2. Complete all upper required division coursework on the SSM Program Map, with grade C or better in each required course and with a cumulative GPA of 2.5 for all SSM program requirements. Upper division electives may be any SSM upper division course, or other 300-level or higher course as approved by the program coordinator.
3. Not less than 6 credits of upper division elective credits must be 400+ level courses.
4. Complete 6 credits of capstone courses (SSM 495-496) over not less than two semesters with grade C or better.
5. Complete not less than 15 credits of writing intensive (WI) courses with grade C or better and at least 6 credits shall be in courses of 300-level or higher.
6. All SSM alpha required courses must be taken for a letter grade. A maximum of 6 credits in other coursework may be achieved by Prior Learning Assessment.
7. Complete not less than 124 credit hours of coursework in support of the BAS degree. Only courses numbered 100 and above may apply to this degree requirement.
8. Submission of a completed Application for Graduation from UH MCM.

Full-time upper division students would take courses in this sequence:

First Semester (Fall)

SSM 101 Sustainability in a Changing World
B USN 150 or ICS 101
CHEM 151/151L or CHEM 161/161L
PSY 100 Survey of Psychology
ENG 100 Composition I
Second Semester (Spring)
SSM 201, or OCN 201 and 201L
BI OL 171/171L Intro Biology I and Lab
A CC 201 Introduction to Financial Accounting
H WST 107 or 207, or HIST 284
MATH 135 Pre-Calculus. Elementary Functions
Third Semester (Fall)
SSM 275 Basic Energy Production
SSM 375 Renewable Energy Conversions, or elective
SSM 495 SSM Capstone I
SSM 496 SSM Capstone II
Fourth Semester (Spring)
SSM 301 Environmental Health
SSM 422 Sustainable Systems Thinking
A QUA 362/362L Aquaculture and Mariculture and Lab
MGT 310 Principles of Management
ENG 316 Advanced Research Writing

Tuition and Fees:

A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.

Full-time lower division students would take this sequence:

First Semester (Fall)

SSM 101 Sustainability in a Changing World
B USN 150 or ICS 101
CHEM 151/151L or CHEM 161/161L
PSY 100 Survey of Psychology
ENG 100 Composition I
Second Semester (Spring)
SSM 201, or OCN 201 and 201L
BI OL 171/171L Intro Biology I and Lab
A CC 201 Introduction to Financial Accounting
H WST 107 or 207, or HIST 284
MATH 135 Pre-Calculus. Elementary Functions
Third Semester (Fall)
SSM 275 Basic Energy Production
SSM 375 Renewable Energy Conversions, or elective
SSM 495 SSM Capstone I
SSM 496 SSM Capstone II
Fourth Semester (Spring)
SSM 301, or OCN 201 and 201L
BI OL 171/171L Intro Biology I and Lab
A CC 201 Introduction to Financial Accounting
H WST 107 or 207, or HIST 284
MATH 135 Pre-Calculus. Elementary Functions

Sustainable Science Management:

The Sustainable Science Management (SSM) program, leading to a baccalaureate degree, provides a variety of options to students seeking employment in the rapidly expanding field of sustainability. Coursework covers important contemporary topics including but not limited to energy, ecology, business and management, water and wastewater, agriculture, waste-management, economics, policy, the built environment, and social science; in all the context of case studies in the large interdisciplinary field of sustainability. Students develop systems thinking and analytical skills, which will enable graduates to apply learned principles to the changing and complex issues of the future.

The program is designed to equip students with the fundamental skills necessary to bridge disciplines and to facilitate sustainable solutions and operations for any organization or community.

Note: Contact the program coordinator, Tim Botkin, at 984-3532 or by email at botkin@hawaii.edu for more information.

Upper division requirements for SSM Bachelor of Applied Science (BAS) degree:

Contact the Program Coordinator (310) 375(3)
Communication 459(3)
English 316(3)
Upper division program electives(3,3,3) Any upper division SSM course not already required.
Upper division program electives(3,3,3) Any upper division SSM course not already required.
AQUA 466/466L; OCN 351/351L, or other elective approved by program coordinator
AQUA 466/466L; OCN 351/351L, or other elective approved by program coordinator

Upper division program electives(3,3,3) Any upper division SSM course not already required.
AQUA 466/466L; OCN 351/351L, or other elective approved by program coordinator
AQUA 466/466L; OCN 351/351L, or other elective approved by program coordinator

Tuition and Fees:

A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.

Note: OCN 201 and 201L are required for students focusing on marine studies in their upper division coursework.

Tuition and Fees:

A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.

Note: Foundations Global Multicultural Perspectives: Choose one course (3 credits) from either of two groups (FGA, FGC).

Note: Calculus is a prerequisite for SSM 403 and other upper level course.

Note: At least 6 credits of elective shall be 400-level courses. Select upper division elective credits to achieve at least 124 credits total for the degree, not less than 60 of which must be in upper division.

Note: OCN 201 and 201L are required for students focusing on marine studies in their upper division coursework.

Tuition and Fees:

A tuition differential exists for upper division courses numbered 300 or higher. See Tuition and Fees section.
**Quantitative Reasoning (FQ) Requirements: 3 credits**

**Important:** Quantitative Reasoning (FQ) replaces Symbolic Reasoning (FS) as a General Education requirement for the three UHMC Liberal Arts programs, effective Fall 2018. To ensure there is adequate time for students who entered the UH System prior to Fall 2018 to complete their FQ requirements, FQ courses will be offered through Summer 2020 at UHMC and at the other UH community colleges. Students entering the UH System in Fall 2018 and beyond may select courses with the FQ designation.

Students who entered the UH System prior to Fall 2018 and have been continuously enrolled should refer to their original catalog year requirements. Students should contact their designated School/College academic or faculty advisor for more information.

The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and/or daily life.

---

**Associate in Arts (AA) Degree in Liberal Arts**

The Associate in Arts degree in Liberal Arts offers students a Liberal Arts general education degree and also prepares students for transfer to a baccalaureate degree program at a 4-year college or university. The AA degree in Liberal Arts requires 60 credits in courses numbered 100 or higher. The curriculum includes foundational skills and a broad scope of knowledge that fosters academic success in upper-division coursework, effective citizenship, and an appreciation for lifelong learning. Special emphasis on global and Hawai'i's perspectives encourages respect and appreciation of cultural diversity. Opportunities to apply learning through service to the community are integrated throughout the curriculum.

- **UHMC Liberal Arts Programs**
- **Symbolic Reasoning (FS):**
- **Global Multicultural Perspectives:**
- **Hawai'i Emphasis (HI):**

**RESIDENCY**

**English Communication:** 3 credits

**Grades and Grading:**

**Residency:** Minimum UHMC 12 credits. May be waived for cause or credit-by-exam with Vice Chancellor of Academic Affairs approval.

**Writing Intensive (WI):** Two courses

**Courses:**

1. HAW 111
2. HAW 211

**Hawai'i’s Emphasis (HI):** One course from this list.

**AG 253, 265; ANTH 165; BOT 105/107; HIST 211, 213, 234, 243, 251, 282, 285; MATH 103, 105, 107; ENG 251, 257, 258, 260; GEOG 101, 105, 107; HAW 103, 105, 107, 109, 111, 114; MIS 101; PHI 141, 142, SSM 302, 304, ZDOL 100, 200**

**ORAL COMMUNICATION IN ENGLISH:** Choose one course from this list.

**BUS/COM 110, COM 145, 210, 215; PSY 253, COM 353/PSY 353, COM 459; DRAM (formerly THEA) 221, 222; SPH 151, 251.**

**The UHMC Oral Communication requirement does not satisfy the UH Mānoa Oral Communication requirement. Selected courses may satisfy the UH West O‘ahu Oral Communication requirement. Check with an academic counselor.**

**FOUNDDATIONS REQUIREMENTS - Course listing a Foundations category may not be used elsewhere.**

<table>
<thead>
<tr>
<th>English Communication: 3 credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 100</td>
<td>Written Communication</td>
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</tr>
</tbody>
</table>

**Global Multicultural Perspectives: 6 credits - Choose two courses from different groups.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Year</th>
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<tbody>
<tr>
<td>FAM 150</td>
<td>6</td>
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</tbody>
</table>

**Synergistic Reasoning: 3 credits - Choose one course.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>MATH 101, 103, 112, 115, 119, 135, 140, 203;</td>
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</tbody>
</table>

**Quantitative Reasoning (FQ): 3 credits - Choose one course.**

**New FQ requirement effective Fall 2018.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 101, 103, 112, 115, 119, 135, 140, 203;</td>
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Hawaiian Studies

The Associate in Arts degree in Hawaiian Studies is designed to focus on Hawaiian Studies and Hawaiian Language coursework while building a broad foundation in the liberal arts. Graduates have a wide range of four-year degree options: students may transfer into Hawaiian studies, Hawaiian language, Education, Science, Technology, Social Work, Nursing, and many more areas.

**Associate in Arts (AA) Degree in Hawaiian Studies**

<table>
<thead>
<tr>
<th>Name</th>
<th>Last, First, Middle Initial</th>
<th>UH ID Number</th>
</tr>
</thead>
</table>

**GRADUATION REQUIREMENTS**

**CREDITS**

1. Minimum Applicable: 60 credits, 100-level or higher

**GRADUATION REQUIREMENTS**

**RESIDENCY**

1. Minimum UHMC: 12 credits

**WRITING INTENSIVE (WI): Two courses**

1. _____________________________

2. _____________________________

**HAWAIIAN STUDIES CORE: 11 credits**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAW 101</td>
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<tr>
<td>HAW 102</td>
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<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FGA</td>
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<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FGB</td>
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<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FGC</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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</thead>
<tbody>
<tr>
<td>Oral Communication in English: 3 credits</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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</thead>
<tbody>
<tr>
<td>ENG 100 Written Communication</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Multicultural Perspectives: 6 credits - two courses from different groups.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FWA</td>
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</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FGB</td>
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<tr>
<th>Course Credits Grade Semester Year</th>
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<tbody>
<tr>
<td>FGC</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication in English: 3 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS/COM 150, COM 250, DRAM = THEA 122, 223, 225, SP 151, 251</td>
</tr>
</tbody>
</table>

**Symbolic Reasoning: 3 credits - Choose one course.**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
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</table>

**Quantitative Reasoning: 3 credits - Choose one course.**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS MATH 100, 103, 112, 115, 119, 139, 140, 203, 205-245, 206-242, 241-243, 232-244</td>
</tr>
</tbody>
</table>

**Natural Science: 6-7 credits - one course from Biological (DB), one Physical (DP), and one corresponding laboratory (DY).**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP Diversification Physical: ASTR 110, BIOL 241 -&gt; 149, 244 -&gt; 142, CHEM 100, 151, 165, 162, 272, 273, EE 160, 211, GEOG 101, GG 101, 103, OCN 201, 351*, PHYS 105, 151, 152, 170, 219, 272, SCI 122, SSM 201, 202, 273, 375, 402, 403</td>
</tr>
</tbody>
</table>

*If a 3-credit course taken includes a lab, additional 100-level or higher credits may be needed to meet the 60-credit AA requirement. A 4-credit course may include a lab.

**Social Science: 6 credits - two courses from different disciplines.**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS Diversification Social Science: BOT 105/HIST 211</td>
</tr>
</tbody>
</table>


**ELECTIVES: Additional credits in meet 60-credit AA requirement. A minimum of three HAW or HIST courses are required at the 200-level or higher. Other approved electives: any HAW or HIST 100-level or higher, ANTH 235/HIST 236, HIST 284, or POLS 180.**

<table>
<thead>
<tr>
<th>Course Credits Grade Semester Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 HAW/HIST 200-level or higher required (HAW 200 recommended)</td>
</tr>
<tr>
<td>2 HAW/HIST 200-level or higher required (HAW 202 recommended)</td>
</tr>
<tr>
<td>3 HAW/HIST 200-level or higher required</td>
</tr>
<tr>
<td>4 Approved Elective of needed</td>
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<tr>
<td>5 Approved Elective of needed</td>
</tr>
<tr>
<td>6 Approved Elective of needed</td>
</tr>
</tbody>
</table>

**Qualitative Reasoning (FQ) Requirement: 3 credits Important! Qualitative Reasoning (FQ) replaces Symbolic Reasoning (FS) as a General Education requirement in the UHMC three Liberal Arts programs, effective Fall 2018.**

Students who entered the UH System prior to Fall 2018 and have been continuously enrolled should refer to their original catalog year requirements. Students should contact their designated School/College academic or faculty advisor for more information. The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and/or daily life.

**Qualitative Reasoning (FQ) Requirement: 3 credits**

<table>
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</thead>
<tbody>
<tr>
<td>FS MATH 100, 103, 112, 115, 119, 139, 140, 203, 205-245, 206-242, 241-243, 232-244, PHL 110</td>
</tr>
</tbody>
</table>

*Obtains MATH/course number/NEW course number
ASSOCIATE IN SCIENCE DEGREE IN NATURAL SCIENCE (ASNS)

Concentrations: Biological Science | Physical Science | Engineering | Information & Communication Technology

The Associate in Science degree in Natural Science (ASNS) program provides a comprehensive background in science and math designed specifically for students who plan to pursue baccalaureate studies in science, technology, engineering, and mathematics (STEM), or who plan to continue with professional studies, such as pre-pharmacy, pre-medical, or pre-dental programs. The ASNS curriculum provides a seamless pathway for students intending to transfer into a STEM degree at a four-year institution, in particular within the UH System where students may take advantage of transfer agreements with UH Manoa, UH Hilo, and UH West O‘ahu. Students may choose to concentrate in biology, physical science, engineering, or information and communication technology.

Students who plan to transfer should consult an academic advisor on best course selection. For UH Manoa or UH West O‘ahu transfer, consider for students intending to transfer into a STEM degree at a four-year institution, in particular within the UH System where students may take advantage of transfer agreements with UH Manoa, UH Hilo, and UH West O‘ahu. Students may choose to concentrate in biology, physical science, engineering, or information and communication technology.

Graduation Requirements:
- Minimum Applicable: 60 credits, 100-level or higher.
- Minimum Cumulative GPA: 2.0.
- Minimum UHMC: 12 credits must be earned at UHMC toward ASNS.
- Writing Intensive: Two (2) Writing Intensive courses are required. (*Note: A third WI is suggested for UH Manoa transfer).

Core - Foundation & Diversification Requirements: 27 Credits

Applies to all concentrations: Biological Science | Physical Science | Engineering | Information & Communication Technology

**Foundation Requirements:**
- **13 credits**

**Diversification Requirements:**
- **14 credits**

**Arts, Humanities, Literature:**
- **3 credits minimum**

**Natural Science Requirements:**
- **16 credits**

**Physical Science Requirements:**
- **13 credits**

**Engineering Requirements:**
- **27 credits**

---

**Concentration Requirements:**

**Natural Science Degree**

Since 1500 CE:
- HIST 151

Global Multicultural Perspectives: 6 credits - Choose two courses from different groups:
- ART/ICS
- ANTH
- POLS
- LING
- ENG 104;
- 101, 221, 222, 280; MATH (205->241)
- Composition I:
  - Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
- Calculus I:
  - Prereq: MATH 140 or placement at least MATH (205->241) (or concurrent).
- Calculus II:
  - Prereq: MATH 215/L(3,1), 114, 114H, 121C/D/F/G/Z, 122C/D/Z, 123, 124, 132, 180, 203, 216, 253, 273; HAW
  - Prereq: MATH (205->241) (or concurrent).

Biological Science Requirements: 16 credits

**Concentration Electives:**
- **6+ credits**

Physical Science Requirements: 13 credits

**Concentration Electives:**
- **17+ credits**

Engineering Requirements: 27 credits

**Concentration Electives:**
- **6+ credits**

---

**Natural Science Degree**

Natural Science Degree

Since 1500 CE:
- HIST 151

Global Multicultural Perspectives: 6 credits - Choose two courses from different groups:
- ART/ICS
- ANTH
- POLS
- LING
- ENG 104;
- 101, 221, 222, 280; MATH (205->241)
- Composition I:
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  - Prereq: MATH 215/L(3,1), 114, 114H, 121C/D/F/G/Z, 122C/D/Z, 123, 124, 132, 180, 203, 216, 253, 273; HAW
  - Prereq: MATH (205->241) (or concurrent).

Biological Science Requirements: 16 credits

**Concentration Electives:**
- **6+ credits**

Physical Science Requirements: 13 credits

**Concentration Electives:**
- **17+ credits**

Engineering Requirements: 27 credits

**Concentration Electives:**
- **6+ credits**

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## INFORMATION & COMMUNICATION TECHNOLOGY

### Information & Communication Technology Requirements: 17 credits

- **ICS 111/L**: Introduction to Computer Science I  
  Prereq: ICS 710 with grade C or better, and at least MATH 82 with grade C or better, or placement at least MATH 103, and ENG 19 with grade C or better, or placement at least ENGL 22, or consent.  
  Credits: 3

- **ICS 141/L**: Discrete Math for Computer Science  
  Prereq: MATH 103 with grade C or better, or consent.  
  Credits: 4

- **ICS 212/L**: Program Structure  
  Prereq: ICS 211 with grade C or better, or consent.  
  Credits: 3

### Biological Science Elective: 3 credits minimum

- **ICS 241/L**: Discrete Math for Computer Science II  
  Prereq: ICS 141 with grade C or better, or consent.  
  Credits: 4

### Physical Science Concentration elective

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

### Biological Science elective

- **BIOL 171/L**: Introductory Biology I and Lab  
  Credits: 3

- **BIOL 172/L**: Introductory Biology II and Lab  
  Credits: 3

- **ENG 100**: Composition I  
  Credits: 3

### Credits

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **ICS 110/L**: Introductory Computer Science I  
  Credits: 3

- **ICS 211/L**: Introduction to Computer Science II  
  Credits: 3

- **ICS 241/L**: Discrete Math for Computer Science II  
  Credits: 4

### Credits

- **PHYS 152/L or PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **ENG 100/L**: Composition I and Lab  
  Credits: 3

- **MATH 103/L**: Introduction to Calculus I  
  Credits: 3

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

### Credits

- **ICS 211/L**: Introduction to Computer Science II  
  Credits: 3

- **ICS 241/L**: Discrete Math for Computer Science II  
  Credits: 4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 171/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits

- **PHYS 170/L**: General Physics I and Lab  
  Credits: 3

- **PHYS 272/L**: General Physics II and Lab  
  Credits: 3

- **DA/DH/DL electives** may be taken with lab for additional credits.  
  Credits: 3-4

### Credits
Academic Subject Certificates

Hawaiian Music (ASC): 32 credits
The ASC in Hawaiian Music is designed to encourage students to specialize in Hawaiian music in order to preserve and perpetuate the Hawaiian language and culture.

- Call Keola Donahau at 984-3570 for more information.
- Students must receive grade C or better for all courses applied to the certificate.
- Minimum of 9 credits must be taken at UH Mānoa.

Required courses: 23 credits
HAW 101 Elementary Hawaiian I (4)
HAW 102 Elementary Hawaiian II (4)
HAW 201 Intermediate Hawaiian I (4)
HAW/ MUS 176 History Hawaiian Music (3)
MUS 114H Hawaiian Chorus(2)
MUS 132 –twice Applied Hawaiian Music(2,2)
MUS 295 Hawn Music Captain(2)

Elective courses: 9 credits
HAW 104 Language thru Hula(4)
HAW 202 Intermediate Hawaiian I(4)
HWST 107 Center of the Pacific(3)
HWST 205A Eleʻaʻaina(2)
HWST 205B Eleʻaʻaina(2)
MUS 103H Eleʻaʻaina(2)
MUS 114H Hawaiʻi Music Culture(3)
MUS 114C Eleʻaʻaina(2)
MUS 212D Eleʻaʻaina(2)
MUS 121F Eleʻaʻaina(2)
MUS 121G Hawaiʻi Steel Guitar(2)
MUS 121H Beginning Ukulele(2)
MUS 121J Eleʻaʻaina(2)
MUS 205A Eleʻaʻaina(2)
MUS 205B Eleʻaʻaina(2)
MUS 205C Eleʻaʻaina(2)
MUS 205D Eleʻaʻaina(2)
MUS 216 Eleʻaʻaina(2)
MUS 213 Eleʻaʻaina(2)
MUS 214 Eleʻaʻaina(2)
MUS 215 Eleʻaʻaina(2)
MUS 216 Eleʻaʻaina(2)
MUS 217 Eleʻaʻaina(2)
MUS 218 Eleʻaʻaina(2)
MUS 219 Eleʻaʻaina(2)
MUS 220 Eleʻaʻaina(2)
MUS 221 Eleʻaʻaina(2)
MUS 222 Eleʻaʻaina(2)
MUS 223 Eleʻaʻaina(2)
MUS 224 Eleʻaʻaina(2)
MUS 225 Eleʻaʻaina(2)
MUS 226 Eleʻaʻaina(2)
MUS 227 Eleʻaʻaina(2)
MUS 228 Eleʻaʻaina(2)
MUS 229 Eleʻaʻaina(2)
MUS 230 Eleʻaʻaina(2)
MUS 231 Eleʻaʻaina(2)
MUS 232 Eleʻaʻaina(2)
MUS 233 Eleʻaʻaina(2)
MUS 234 Eleʻaʻaina(2)
MUS 235 Eleʻaʻaina(2)
MUS 236 Eleʻaʻaina(2)

Hawaiian Studies (ASC): 27 credits
Students may select from a variety of courses that present Hawaiian perspectives in Hawaiian culture, language, history, and philosophy. The ASC enhances the Liberal Arts AA degree. Students who plan to pursue a baccalaureate degree in the Fine Arts should consult a counselor or academic advisor.

- Call Keola Donahau at 984-3570 for more information.
- Students must receive grade C or better for all courses applied to the certificate.
- Minimum of 9 credits must be taken at UH Mānoa.

Required courses: 17 credits
HAW 101 Elementary Hawaiian I (4)
HAW 102 Elementary Hawaiian II (4)
HAW 104 Language thru Hula(4)
HAW 121 Intermediate Hula(2)
HAW 221 Hawaiʻi Convers(2)
HAW 261 Hawaiʻi Lin Translation(3)
HWST 100BCD Hawaiʻi Culture(1,1,1)
HWST 111 The HawaiʻianʻOha(2)
HWST 205A Meʻaʻaina(2)
HWST 205B Meʻaʻaina(2)
HWST 205C Meʻaʻaina(2)
HWST 207 Maʻumaʻumaʻigaʻa(2)
HWST 213 Hawaiʻi Eko Noʻoko(2)
HWST 228 Hawaiʻi Foker(3)
HWST 231 Hawaiʻi Culture(3)
HWST 262 Mana Meʻaʻa(2)
HWST 270 Hawaiʻi Mythology(3)
HWST 286 Kahaʻoleʻoleʻa(2)
HWST 291 Modern Issues Hawaiʻi(2)
HWST 190A Topics course(1-3)
HWST 290B Topics course(1-3)
PACS 108 Into Pacifc World(3)
Plus, any HAW or HWST course at 100 or 200 level.

-Other electives are available, consult with Counseling or Hawaiian Studies faculty.
-UHM Hawaiian language back credits apply
-Consider take in either department.
-Repeatable of different course titles.

Music Studies (ASC): 23 credits
The ASC in Music Studies is intended to encourage students to specialize in a variety of musical academic, performance, and technology courses.

- Call Mike Takemoto at 984-3249 for more information.
- Students must receive grade C or better for all courses applied to the certificate.
- Minimum of 9 credits must be taken at UH Mānoa.

Music core: 11 credits
MUS 106 Intro to Music Lit(3)
MUS 107 World Music Culture(3)
MUS 180 Theory & Aural Skills(2)
MUS 273 Performance & Record(3)
Performance elective courses: 6 credits
Students must take a minimum of 6-credits, with courses from a minimum of two different instruments, or 1-2 instruments and voice.

Additional credits
MUS 114 Hawaiʻi Chorus(2)
MUS 114H Hawaiʻi Chorus(2)
MUS 121C Eleʻaʻaina(2)
MUS 121D Eleʻaʻaina(2)
MUS 121E Eleʻaʻaina(2)
MUS 121F Eleʻaʻaina(2)
MUS 121G Hawaiʻi Steel Guitar(2)
MUS 121H Beginning Ukulele(2)
MUS 122C Eleʻaʻaina(2)
MUS 122D Eleʻaʻaina(2)
MUS 122D Hawaiʻi Steel Guitar(2)
MUS 123 Beginning Voice Class(2)
MUS 124 Eleʻaʻaina(2)
MUS 216 Eleʻaʻaina(2)

Electorative courses: 6 credits
Any Performance course beyond the 6 credits required may be used as Elective credit. Also, the following classes may be used:

- MUS 132 Applied Hawaiian Music(2)
- HWST/MUS 176 History Hawaiian Music(3)
- MUS 133 Elect: Hawaiʻi Music(3)
- MUS 271 Intro to Music Tech(3)
- MUS 272 Digital Record Tech(3)
- HWST 205A Meʻaʻaina(2)
- HWST 205B Meʻaʻaina(2)
- MUS 190B Topics Course(1-3)
- MUS 290B Topics Course(1-3)

For more info, call the Marine Option Program at 984-3203.

Marine Option Program Certificates
- Oceanography (MOP): 12 credits
- Oceanography (MOP): 12 credits

Marine Option Program (ASC): 12 credits
- Oceanography (MOP): 12 credits
- Oceanography (MOP): 12 credits

Additional courses (available at UH Hilo and UH Mānoa):
- BIOL 105 Hawaiʻi Field Ecology(4)
- BIOL 201 Coral Reef(3)
- BIOL 202 Coral Reef(3)
- BIOL 203 Ecology/Evolutn Biol(2)
- BIOL 205 Hawaiʻi Ehnobotany(5)
- MARE 204 Advanced QUEST*
- MARE 206 SCUBA Certification(2)
- MARE 207 Oceanography(2)
- MARE 208 Ocean Science Lab(1)
- MARE 209 Ocean Science Lab(1)
- MARE 210 Ocean Science Lab(1)

- Marine Naturalist I (C): 9 credits
- Marine Naturalist I (C): 9 credits
- Marine Naturalist I (C): 9 credits

Marine Naturalist II (C): 9 credits
- Marine Naturalist II (C): 9 credits
- Marine Naturalist II (C): 9 credits

Additional courses (available at UH Hilo and UH Mānoa):
- OCN 101 Intro to MOP(1)
- OCN 101 Intro to MOP(1)
- OCN 101 Intro to MOP(1)

- Marine Naturalist II (C): 9 credits
- Marine Naturalist II (C): 9 credits
- Marine Naturalist II (C): 9 credits

Marine Naturalist Program Certificates
- Marine Naturalist Program Certificates
- Marine Naturalist Program Certificates
- Marine Naturalist Program Certificates
The Associate in Science (AS), a two year degree consisting of at least 60 credits entirely at the college level (100-level or above), provides students with skills and competencies for gainful employment.

At a Glance

Associate in Science (AS)

Creative Media
Dental Hygiene
Early Childhood Education
Electronic & Computer Engineering Technology
Human Services
Natural Science
Biological Science
Engineering
Information & Communications Tech
Physical Science
Registered Nurse

At a Glance

Associate in Applied Science

The Associate in Applied Science (AAS), a 2-year degree consisting of at least 60 credits entirely at the college level-100 level or above, provides students with skills and competencies for gainful employment. While this degree is not designed for transfer directly into a baccalaureate program, some AAS programs have agreements with baccalaureate degree-granting institutions, and some AAS programs may include some baccalaureate-level coursework offerings.

AAS and AAS Requirements

1. Satisfactory Completion of a CTE Major:
   Specific courses for each major are described later in this section.

2. General Education:
   a. Quantitative Reasoning: 3 credits 3 credits minimum.

Refer to Program Maps for program mathematics requirements. Graduation Requirement: If student does not apply Philosophy 110 or fulfill the AS or AAS degree requirement in Quantitative Reasoning, students must place into Mathematics 100 or higher.

b. English/Communication: 6 credits
   6 credits in English 100, 102, 104, 106, 209, 210; Learning Skills 110; Journalism 205; Speech 151, 251; Communication 145, 210, or Communication/Business 130.
   3 credits of the 6 must be ENG 100 or ENG 106.

Nursing/Dental Hygiene AS requires ENG 106(G) only.

These courses must be completed at the college level or above.

1. English as second language students may include English as a second language courses.

2. Elective credits:
   Elective credits-AS: 12 credits
   Elective credits-AAS: 9 credits

At least one 100-level course each from Humanities, Natural Science, and Social Science listed below.

For the AS degree and the AAS degrees that have 12 General Education elective credits, the remaining 3 elective credits may be selected from any area with the exceptions that: CTE majors may not select electives from CTE courses, and Business majors may not select electives from Business courses.

Humanities:
   Anthropology 235, Art/JCS 161, 205, Art 218/CJS 261, Art 221/CJS 214, Art; Business/Communication 130; (Drama >Theatre); English 104, 106, 209, 210, 250-257; Filipino; Hawaiian; Hawaiian Studies (except 211, 211L); History; Humanities; Hokano; Japanese; Linguistics; Music; Philosophy; Religion; Spanish; Speech; Telecommunications 261.

Natural Science:
   Agriculture 122, 174, 200, 254, 265; Anthropology 210L, 215; Aquaculture; Astronomy; Biochemistry; Biology; Botany 101, 101L, 105L; Chemistry; Food Science & Human Nutrition; Geography 101 & 103; Geology & Geophysics; Hawaiian Studies 211L; Microbiology; Oceanography 201, 203; Pharmacology 203; Physiology (except 103); Psychology; Science; Sustainable Science Management 201, 202, Zoology.

Social Science:
   Anthropology (except 201L, 215, & 235); BOT 105/HWST 211; Communications (except 150); Economics; Family Resources 230; Geography (except 101, 101L); Pacific Island Studies 108, Political Science; Psychology; Social Science; Sociology.

3. Minimum of 60 credits:
   These maximums may be applied:
   a. 9 credits Cooperative Education;
   b. 30 credits with CR grade.
   Interdisciplinary Studies courses may be applied.
   60 credits for the AS degree must be at the 100-level or above.

4. Grade Point Average:
   2.0 (C) or better.

5. Residency Requirement:
   12 credits toward a major must be earned at UH Maui College. The residency requirement may be waived for cause or credit-by-examination used with approval of the Vice Chancellor of Academic Affairs.

6. Graduation Requirement:
   To be awarded the AS or the AAS degree, students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.

At a Glance

Associate in Applied Science

The Associate in Applied Science (AAS), a two year degree consisting of at least 60 credits that provides students with skills and competencies for gainful employment. This degree must be:

1. customized by using courses from two or more existing approved programs and is intended to target emerging career areas that cross traditional boundaries;
2. accompanied by student learning outcomes that are clearly defined by business and industry and/or employers with near immediate needs for specialized training for a limited number of employees;
3. 3 credits each of mathematics and English, and 9 credits of social science, humanities, and science; entirely at the college 100-level or above;
4. awarded only to specific students who remain at UH Maui College without a break in enrollment and who complete coursework with a 2.0 GPA;
5. be awarded only to specific students who remain at UH Maui College without a break in enrollment and who complete coursework with a 2.0 GPA;
6. pre-approved by the Vice Chancellor of Academic Affairs after a review by the Department Chairs.
7. Students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.

The College takes the following steps to review a proposed individual ATS program.

1. The student, with assistance from counselors and/or program coordinators, develops a plan of study. Appropriate employers are consulted, as degree requirements are developed, to assure employability.

At a Glance

Associate in Technical Studies

The Associate in Technical Studies (ATS) is a two year Career and Technical Education (CTE) degree of at least 60 credits that provides students with skills and competencies for gainful employment.

This degree must be:

1. customized by using courses from two or more existing approved programs and is intended to target emerging career areas that cross traditional boundaries;
2. accompanied by student learning outcomes that are clearly defined by business and industry and/or employers with near immediate needs for specialized training for a limited number of employees;
3. 3 credits each of mathematics and English, and 9 credits of social science, humanities, and science; entirely at the college 100-level or above;
4. awarded only to specific students who remain at UH Maui College without a break in enrollment and who complete coursework with a 2.0 GPA;
5. approved in advance and not request ed based upon previously completed coursework; and
6. pre-approved by the Vice Chancellor of Academic Affairs after a review by the Department Chairs.

Students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.

The College takes the following steps to review a proposed individual ATS program.

1. The student, with assistance from counselors and/or program coordinators, develops a plan of study. Appropriate employers are consulted, as degree requirements are developed, to assure employability.

The plan of study includes:

a. statement of career objective(s);

b. statement of jobs for which the degree will prepare the student;

c. statements of clearly defined student learning outcomes to be achieved;

d. 3 credits each of math and English;

e. 9 credits of social science, humanities, and science;

f. list of specific courses from the current catalog that will be completed for the ATS degree;

g. requirements that conform with the General Education learning outcomes specified by the Associate in Science degree task force;

h. minimum of 30 of the 60 credits required for the degree must be taken after the ATS degree proposal is approved.

2. Plan is submitted to the Vice Chancellor of Academic Affairs (VCAA).

3. VCAA forwards plan to Department Chairs for recommendation.

4. VCAA reviews plan and Department Chair recommendation. VCAA may approve the plan.

5. VCAA returns the signed original plan to the lead program coordinator/counselor and keeps a copy in VCAA files.

6. The ATS program coordinator maintains student’s files until student graduates or leaves the College. Changes in the plan are done to meet the needs of the student.

7. One student graduates or leaves the College, the original and modified plans are sent to the VCAA office.

8. VCAA issues a report each academic year, listing the status of each ATS.
Career & Technical Certificates

The Career & Technical Education (CTE) program offers three types of certificates based upon the amount of credit required for completion. These three certificates are described below in order of the longest to the shortest program.

Certificate of Achievement

The Certificate of Achievement (CA) is a credential awarded to students who successfully complete designated CTE credit course sequences that provide entry-level skills or job upgrades. These course sequences shall be at least 24 credits, but may not exceed 51 credits (unless external employment requirements exceed this number).

CA Requirements

1. Satisfactory Completion of a Career & Technical Education Major: Program Maps cite specific program requirements.
2. General Education: 6 credits
   3 credits in English 19 or higher, and 3 credits in Quantitative Reasoning.
3. Grade Point Average: 2.0 (C) or better.
4. Residency Requirement: At least 12 credits toward the CA must be taken at UH Maui College.
5. Application for Graduation: To be awarded a CA, students must complete an Application for Graduation form obtained from Student Services. See Academic Calendar for deadline.

Certificate of Competence

A Certificate of Competence (CO) is a credential awarded for successfully completing designated short-term credit or non-credit courses that provide job upgrading or entry-level skills. Credit course sequences shall be 4 to 23 credits. The issuance of a CO requires that students' work has been evaluated and determined to be satisfactory. Students must earn a GPA of 2.0 or better for all credit courses required in the CO.

Certificate of Professional Development

The Certificate of Professional Development (CPD) is a college credential for successfully completing designated short-term credit or non-credit CTE courses that provide industry-specific job upgrading or entry-level skills. Credit course sequences shall be less than four (4) credit hours. The issuance of a Certificate of Professional Development requires that the students' work has been evaluated and stated competencies have been met. Issuance of the CPD will not appear on the student transcript.

CTE Curricula & Maps

The Program Maps that follow for individual CTE programs show the required curricula in order to earn certificates and degrees, along with suggested sequences for taking the required courses.
Accounting

The Accounting program at UH Maui College is designed to prepare students for entry-level positions in the accounting profession within government and private business. Students who select the Accounting program should have the interest and aptitude for computational work. Students are prepared to work as an Account Clerk or Accounting Assistant with completion of the Certificate of Achievement (30 credits), and as a Bookkeeper with completion of the Associate in Applied Science degree (61 credits). With additional education, graduates of this program may become an Accountant or Auditor.

Students planning to transfer to the UH Maui College ABET program, the UH Mānoa Shidler College of Business, or to business programs at UH Hilo, UH West Oahu, or another college should see a counselor about the requirements for entrance to these schools. These colleges have specific entrance requirements and not all Accounting program courses fulfill these requirements or are transferable. Accounting majors are required to earn a letter grade of C or better (or credit-by-exam) for Accounting courses. Contact the program coordinator, Kelly Watanabe at 984-3750 or by email at kellyaw@hawaii.edu for more information.

Requirements for Certificate of Achievement (CA): 30 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 124</td>
<td>Principles of Accounting I**</td>
<td>3</td>
</tr>
<tr>
<td>ACC 332</td>
<td>Payroll and Hawaii’s General Excise Tax</td>
<td>3</td>
</tr>
<tr>
<td>BUSN 150</td>
<td>Introduction to Business Computing, or ICS 101</td>
<td>Digital Tools for the Information World</td>
</tr>
<tr>
<td>ENG 100</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>*</td>
<td>Global Multicultural Perspective</td>
<td>2</td>
</tr>
<tr>
<td>**</td>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

Full-time students would take courses in this sequence:

First Semester (Fall) Credits Second Semester (Spring) Credits
*ACC 124 Principles of Accounting I** | 3 |
*ACC 201 Introduction to Financial Accounting** | 3 |
*ACC 332 Payroll and Hawaii’s General Excise Tax | 3 |
*BUSN 150 Introduction to Business Computing, or ICS 101 Digital Tools for the Information World | 3 |
*ENG 100 Composition I | 3 |
*Global Multicultural Perspective | 2 |
* | Total | 15 |

Requirements for Associate in Applied Science (AAS) Degree: 61 credits

Full-time students would take courses in this sequence:

First Semester (Fall) Credits Second Semester (Spring) Credits
ACC 252 Using Quickbooks in Accounting | 3 |
ACC 202 Introduction to Managerial Accounting** | 3 |
ENG 209 Business & Managerial Writing | 3 |
ECON 101 Principles of Economics-Macro | 3 |
Grade C or better (or credit-by-exam) required in all ACC courses. **Note: Students requiring the Certificate of Achievement. ***Note: Preparatory courses to program requirements may not be used as a business elective. Recommended: ACC 137, 193b, and (for ABIT & EHFW) BLAW 200.

Note: Courses required for the Certificate of Achievement.

Accounting

The Administration of Justice program serves the following broad purposes: to provide general academic knowledge, concepts, and theory pertaining to the criminal justice system; to meet the pre-service needs of those preparing for careers in law enforcement, private security, or other field related to administration of justice; and to meet in-service educational and training needs of professionals in the administration of justice field. Police Officers may receive up to 21 Administration of Justice credits for completing basic police training as required by government law enforcement agencies, after successfully earning 12 college credits at UH Maui College. Contact the program coordinator, Ryan Daniels, at 984-3224 or by email at ryanbkd@hawaii.edu for more information.

Requirements for Certificates of Competence (CO):

<table>
<thead>
<tr>
<th>Correction(s)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrections I: 9 credits</td>
<td>Administration of Justice 101(3), 150(3), Sociology 100 or 218(3)</td>
</tr>
<tr>
<td>Corrections II: 9 credits</td>
<td>Administration of Justice 221(3), 250(3), Psychology 100 or 170(3) (Prereq: Corrections I)</td>
</tr>
<tr>
<td>Law Enforcement I: 9 credits</td>
<td>Administration of Justice 101(3), 221(3), Sociology 218(3)</td>
</tr>
<tr>
<td>Law Enforcement II: 9 credits</td>
<td>Administration of Justice 223(3), 230(3), Psychology 100 or 170(3) (Prereq: Law Enforcement I)</td>
</tr>
<tr>
<td>Private Security I: 9 credits</td>
<td>Administration of Justice 101(3), 170(3), Sociology 100 or 218(3)</td>
</tr>
<tr>
<td>Private Security II: 9 credits</td>
<td>Administration of Justice 221(3), 270(3), Psychology 100 or 170(3) (Prereq: Private Security I)</td>
</tr>
</tbody>
</table>

Requirements for Certificate of Achievement (CA): 33 credits

Full-time students would take courses in this sequence:

First Semester (Fall) Credits Second Semester (Spring) Credits
*AJ 101 Intro to Administration of Justice | 3 |
Administration of Justice elective | 3 |
SOC 100 Survey of General Sociology, or SOC 218 Introduction to Social Problems | 3 |
*COM 145, COM 130, or SP 151 | 3 |
*ENG 100 or 106** | 3 |
* | Total | 15 |

Requirements for Associate in Applied Science (AAS) Degree: 60 credits

Full-time students would take courses in this sequence:

First Semester (Fall) Credits Second Semester (Spring) Credits
AJ 221 Criminal Law (if taken for CA, add 3 cr. AJ elective) | 3 |
Administration of Justice elective | 3 |
Administration of Justice elective or General Ed elective | 3 |
*PSY 100 Survey of Psychology, or PST 170 Psychology of Adjustment | 3 |
Humans electives | 3 |
* | Total | 15 |

Note: Courses required for the Certificate of Achievement.

**Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

***Note: MATH 75 is required for the Certificate of Achievement for those not going on to the AAS degree.
Agriculture & Natural Resources

The Agriculture & Natural Resources program provides instruction for those in need of training, retraining, or skills upgrading in the field of agriculture, and those wishing to transfer to a four-year college or university. Diverse learning activities are provided at facilities on Maui and Moloka‘i. The Maui facility includes a 10,700 sq. ft. greenhouse and 1.5 acres of vegetable fields and landscapes. The Moloka‘i Farm includes a 5,000 sq. ft. greenhouse, orchards, and vegetable fields on 28 acres of land.

Projections point to a continued need for well-trained people in all aspects of the green industry. Hotels and condominiums face increasing demand for personnel to design and maintain aesthetically pleasing landscapes in an environmentally sound manner. Farms and agriculturally related businesses need informed individuals to implement new technologies and sustainable agriculture techniques. Numerous opportunities exist for entrepreneurs in vegetable, flower, and nursery crop production as well as landscape maintenance. Students interested in an interdisciplinary degree in cultural and natural resource management are encouraged to speak with the program coordinator.

Students may transfer to other institutions after beginning their academic and technical training on Maui or Moloka‘i. Some agriculture courses are articulated or can be used as electives at the University of Hawai‘i at Hilo or University of Hawai‘i at Mānoa. The Oregon State University eCampus offers a degree in general agriculture that allows UHMC agriculture students the opportunity to pursue a bachelor degree while living here in Maui County.

Contact the program coordinator, Ann Emmsley, at 984-3243 or by email at aemmsley@hawaii.edu for latest program schedule cycle.

Requirements for Certificates of Competence (CO):

- Beekeeping: 4 credits
  - Agriculture 162(2), 163(2)

- GIS in Ecosystem Management: 8 credits
  - GIS/ICS 150(4), GIS 180(4)

- Landscape Maintenance: 13-14 credits
  - Agriculture 235(3), 260(4), 261(3), Agriculture 269(3) or 265(3) & 265L(1)

- Natural Resource Management: 21 credits
  - Agriculture 174(3), 193v(1), 265(3) & 265L(1), 281(3); Biology 105(3) & 105L(1) or Biology 124(3) & 124L(1); Botany 105/Hawaiian Studies 211(3), GIS 150 (3)

- Pest Management: 9 credits
  - Agriculture 174(3), 201(3), 281(3)

- Sus. Tropical Crop Production: 10 credits
  - Agriculture 103(2), 104(1), 232(1), 251(4), 252(2)

Requirements for Certificates of Achievement (CA):

- Core courses required for CA programs: 27 credits
  - Agriculture 122(3), 174(3), 200(4), 201(3), 230(3), 235(3)

- Floriculture Management: 34 credits
  - All Core courses(27), plus:
    - Agriculture 263(3), 269(3), 193v(1)

- Nursery Management: 34 credits
  - All Core courses(27), plus:
    - Agriculture 266(3), 269(3), 193v(1)

- Horticulture & Landscape Maintenance: 40-41 credits
  - All Core courses(27), plus:
    - Agriculture 260(4), 261(3), 269(3) or 265(3) & 265L(1), 281(3)

- Sustainable Tropical Crop Management: 41 credits
  - All Core courses(27), plus:
    - Agriculture 103(2), 104(1), 193v(1), 232(1), 251(4), 252(2), 281(3)

Requirements for Associate in Applied Science (AAS) Degree: 60-62 credits

- Horticulture & Landscape Maintenance: 60 credits
  - All CA Horticulture & Landscape courses(40-41), plus:
    - Electives(8) from AG Elective List - Horticulture below

- Sustainable Tropical Crop Management: 62 credits
  - All CA Sustainable Tropical Crop courses(41), plus:
    - Electives(9) from AG Elective List - Tropical Crop below

AG Elective List:

- Tropical Crop options:
  - Agriculture 113(1), 162(2), 253(4), 263(3), 265(3) & 265L(1), 266(3)

- Horticulture options:
  - Agriculture 194v(1-3), 232(1), 233(2), 251(4), 254(4), 263(3), 265(3) & 265L(1), 266(3), or 269(3)

- Trade/Natural Science appropriate to major, including WELD 19C, 19D, BIOL 105, 124, GIS 150, SSM 101.

General Education required for both AAS programs: 12 credits

- BUS/COM 130 or SP 151(3)
- ICS 101 or BUSN 150(3)
- Humanities elective(3)
- Social Science elective(3)

*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

AG Elective List:

- Tropical Crop options:
  - Agriculture 113(1), 162(2), 253(4), 263(3), 265(3) & 265L(1), 266(3)

- Horticulture options:
  - Agriculture 194v(1-3), 232(1), 233(2), 251(4), 254(4), 263(3), 265(3) & 265L(1), 266(3), or 269(3)

- Trade/Natural Science appropriate to major, including WELD 19C, 19D, BIOL 105, 124, GIS 150, SSM 101.

General Education required for both AAS programs: 12 credits

- BUS/COM 130 or SP 151(3)
- ICS 101 or BUSN 150(3)
- Humanities elective(3)
- Social Science elective(3)

*Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.
Auto Body Repair & Painting

The Auto Body Repair & Painting program trains individuals for entry-level employment in the auto body repair and painting trade. Instruction covers principles on the repair of auto body sheet metal and the application of bodyfillers and color coatings. There are extensive demonstrations in the proper use and maintenance of special tools and equipment, including special welding techniques. Basic mechanic hand tools, supplies, books, and working clothes are required for enrollment.

Contact the department chair, Thomas Husey, at 984-3236 or by emailing thussey@hawaii.edu for more information.

Requirements for Certificates of Competence (CO):

<table>
<thead>
<tr>
<th>Correlation:</th>
<th>Auto Body Refinishing: 10 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Body Repair &amp; Painting 20EFGHI(10)</td>
<td>Auto Body Repair &amp; Painting 22EFGHI(10)</td>
</tr>
</tbody>
</table>

Requirements for Certificate of Achievement (CA): 46 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRP 20E</td>
<td>Basic Auto Body</td>
</tr>
<tr>
<td>ABRP 20F</td>
<td>Basic Metal Work</td>
</tr>
<tr>
<td>ABRP 20G</td>
<td>Auto Sheet Metal</td>
</tr>
<tr>
<td>ABRP 20H</td>
<td>Body &amp; Fender</td>
</tr>
<tr>
<td>ABRP 201</td>
<td>Auto Body Repair Practicum</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Metal Fabrication, Steam &amp; Gasoline Engines</td>
</tr>
<tr>
<td>MATH 100 or higher, or BUSN 189</td>
<td>Mathematics or Business course</td>
</tr>
</tbody>
</table>

Full-time students would take courses in this sequence:

<table>
<thead>
<tr>
<th>Semester (Fall)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRP 20E</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 20F</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 20G</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 20H</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 201</td>
<td>3</td>
</tr>
<tr>
<td>ABRP 41E</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 41F</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 41G</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 41H</td>
<td>2</td>
</tr>
<tr>
<td>ABRP 401</td>
<td>2</td>
</tr>
<tr>
<td>BUSCOM 130 or COM 145</td>
<td>3</td>
</tr>
<tr>
<td>Social Science elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Second Semester (Spring) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRP 22E</td>
<td>Basic Auto Refinishing</td>
</tr>
<tr>
<td>ABRP 22F</td>
<td>Refinishing Equipment &amp; Techniques</td>
</tr>
<tr>
<td>ABRP 22G</td>
<td>Complete Refinishing Techniques</td>
</tr>
<tr>
<td>ABRP 22H</td>
<td>Touch-Up Refinishing Techniques</td>
</tr>
<tr>
<td>ABRP 22I</td>
<td>Refinishing Practicum</td>
</tr>
<tr>
<td>PHYS 105</td>
<td>Principles of Technology</td>
</tr>
<tr>
<td>Elective - 100 or higher</td>
<td></td>
</tr>
</tbody>
</table>

Third Semester (Fall) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRP 40E</td>
<td>Automotive Trim &amp; Glass</td>
</tr>
<tr>
<td>ABRP 40F</td>
<td>Dimensioning Collision Damage</td>
</tr>
<tr>
<td>ABRP 40G</td>
<td>Framing Alignment &amp; Repair</td>
</tr>
<tr>
<td>ABRP 40H</td>
<td>Structural Sectioning</td>
</tr>
<tr>
<td>ABRP 40I</td>
<td>Major Repairs Practicum</td>
</tr>
<tr>
<td>BUSCOM 130 or COM 145</td>
<td>3</td>
</tr>
<tr>
<td>Social Science elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Fourth Semester (Spring) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRP 41E</td>
<td>Minor Collision Repair</td>
</tr>
<tr>
<td>ABRP 41F</td>
<td>Mechanical Systems</td>
</tr>
<tr>
<td>ABRP 41G</td>
<td>Plastic Panel Repair</td>
</tr>
<tr>
<td>ABRP 41H</td>
<td>Management &amp; Estimating</td>
</tr>
<tr>
<td>ABRP 41I</td>
<td>Minor Repairs Practicum</td>
</tr>
<tr>
<td>Elective - 100 or higher</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Courses required for the Certificate of Achievement.

**Note:** ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Note:** MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

Automotive Technology

The purpose of the Automotive Technology program is to train students for employment in automotive service and repair. The laboratory phase of courses uses modern tools and equipment while performing actual "live" service and repairs on automobiles. The classroom phase includes discussion of principles on the operation of automotive systems and components, demonstration of repair techniques, textbook assignments, and quizzes. Basic mechanic hand tools, supplies, books, and working clothes are required for enrollment. A tool list is available from the instructor.

Call the program coordinator, Thomas Husey, at 984-3236 or by emailing thussey@hawaii.edu for more information.

Requirements for Certificates of Professional Development (CPD):

- **Heating & Air Conditioning:** 3 credits
  - Automotive Technology 43(3)
- **Suspension & Steering:** 3 credits
  - Automotive Technology 55(3)

Requirements for Certificate of Competence (CO):

- **Brakes:** 4 credits
  - Automotive Technology 53(4)

Requirements for Certificate of Achievement (CA): 49-51 credits

- **Automotive Technology 20(2), 30(4), 40(4), 40C(4), 41C(4), 43(3), 46(4), 50(4), 53(3), 55(3), 57(3), 59(3), 60(8), 61(8), 62(3), 63(3), 64(3), 65(3), 66(3)***

Requirements for Associate in Applied Science (AAS) Degree: 69-71 credits

- **Humanities elective:** 3 credits
- **Social Science elective:** 3 credits
- **Elective:** 15-17 credits

Full-time students would take courses in this sequence:

<table>
<thead>
<tr>
<th>Semester (Fall)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 20</td>
<td>2</td>
</tr>
<tr>
<td>AMT 43</td>
<td>3</td>
</tr>
<tr>
<td>AMT 46</td>
<td>4</td>
</tr>
<tr>
<td>AMT 50</td>
<td>4</td>
</tr>
<tr>
<td>AMT 55</td>
<td>3</td>
</tr>
<tr>
<td>QM 107C</td>
<td>6</td>
</tr>
</tbody>
</table>

Second Semester (Spring) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 41C</td>
<td>Electrical/Electronics I</td>
</tr>
<tr>
<td>AMT 42</td>
<td>Electrical/Electronics II</td>
</tr>
<tr>
<td>COM 145, ENG 209 or 210, or BUSCOM 130</td>
<td>3</td>
</tr>
<tr>
<td>Social Science elective</td>
<td>3</td>
</tr>
<tr>
<td>Elective - 100 or higher</td>
<td></td>
</tr>
</tbody>
</table>

Third Semester (Fall) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 40B</td>
<td>Fuel &amp; Emission Systems</td>
</tr>
<tr>
<td>AMT 40C</td>
<td>Electrical/Electronics I</td>
</tr>
<tr>
<td>WELD 19C</td>
<td>Welding for Automotive Applications</td>
</tr>
<tr>
<td>Elective - 100 or higher</td>
<td></td>
</tr>
</tbody>
</table>

Fourth Semester (Spring) |

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMT 40G</td>
<td>Ignition Systems</td>
</tr>
<tr>
<td>AMT 60</td>
<td>Diagnostic &amp; Repair</td>
</tr>
<tr>
<td>WELD 19C</td>
<td>Welding for Automotive Applications</td>
</tr>
<tr>
<td>Social Science elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Note:** Courses required for the Certificate of Achievement.

**Note:** ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Note:** MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

**Note:** All AMT students are required to take AMT 20 in their first semester at UH Maui College unless they have earned the 2+2 credit or have been waived by the program coordinator.
Business Administration

The University of Hawai'i Maui College offers various levels of educational opportunity:

- Certificates designed for students and community members who wish to acquire or upgrade their skills and knowledge.
- One-year Certificate of Achievement in Business, communication, writing, and mathematics.
- Two-year Associate in Applied Science that serves as preparation in the areas of business management, marketing, and sales.
- Transferable courses for four-year business programs at UH Maui College, UH Mānoa, UH West Oahu, and other institutions.

Students interested in the Business Administration program should take the appropriate mathematics sequence early in order to complete required course(s) and should see a counselor about specific requirements for entrance to baccalaureate programs. Not all Business Administration courses will transfer and fill baccalaureate requirements.

Students should take the appropriate mathematics sequence early in order to complete required course(s) and should see a counselor about specific requirements for entrance to baccalaureate programs.

Contact the program coordinator, Gil Logan, at 984-3344 or by email at glogan@hawaii.edu for more information.

Requirements for Certificates of Competence (CO):

Entrepreneurship: 12 credits
- BUS 125(3), MGT 124(3), ACC 124 or 201(3), BLAW 200(3)

Supervision: 9 credits
- MGT 120(3), 122(3); BUS/COM 130(3)

Marketing: 12 credits
- MKT 120(3), 122(3); BUSN 150(3), 261(3)

Requirements for Associate in Certificate of Achievement (CA): 30 credits

- Business 120(3)
- Business Technology 150 or ICS 101(3)
- Management 120(3), 222(3)
- English 100(3)*
- Marketing 120(3)
- Mathematics 103 or higher(3)**
- Business Communication-Oral 130(3)

Requirements for Associate in Applied Science (AAS): 61 credits

- All CA courses(30) plus
- Accounting 201(3), 202(3)
- Economics 131(3)
- Management 124(3)
- Marketing 160(3)

- Business Law 200(3)
- Economics 130(3)
- Mathematics 103 or higher(3)**
- Business Communication-Oral 130(3)

Requirements for Associate in Certificate of Achievement (CA): 30 credits

- Accounting 201(3), 202(3)
- Economics 131(3)
- Management 124(3)
- Marketing 160(3)

- English 209(3)
- Hawaiian Studies 107(3)
- Psychology 100 or Sociology 100(3)
- Natural Science with Lab(4)

- Business elective(3)***

- *Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.
- **Note: MATH 82 may be substituted for the Certificate of Achievement for those not going on to the AAS degree.

Full-time students would take courses in this sequence:

<table>
<thead>
<tr>
<th>First Semester (Fall)</th>
<th>Credits</th>
<th>Second Semester (Spring)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*BUS 120 Principles of Business</td>
<td>3</td>
<td>*MATH 103, MATH 115, or higher</td>
<td>3</td>
</tr>
<tr>
<td>*BUSB 150 Introduction to Business Computing, or ICS 101 Digital Tools for the Information World</td>
<td>3</td>
<td>*MGT 120 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>*ENG 100 Composition I</td>
<td>3</td>
<td>*ECON 130 Principles of Economics - Micro</td>
<td>3</td>
</tr>
<tr>
<td>*COM 130 Business Communication-Oral</td>
<td>3</td>
<td>*BLAW 200 Legal Environment of Business</td>
<td>3</td>
</tr>
<tr>
<td>*MGT 120 Principles of Management</td>
<td>3</td>
<td>Transferable courses</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Semester (Fall)</th>
<th>Credits</th>
<th>Fourth Semester (Spring)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 201 Introduction to Financial Accounting</td>
<td>3</td>
<td>ACC 202 Introduction to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MGT 124 Human Resource Management</td>
<td>3</td>
<td>HWST 107 Hawaii: Center of the Pacific</td>
<td>3</td>
</tr>
<tr>
<td>MKT 160 Advertising &amp; Promotion</td>
<td>3</td>
<td>ECON 131 Principles of Economics - Macro</td>
<td>3</td>
</tr>
<tr>
<td>ENG 209 Business and Managerial Writing</td>
<td>3</td>
<td>Business elective</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science elective with lab</td>
<td>4</td>
<td>PSY 100 Survey of Psychology or SOC 100 Survey of General Sociology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

*Note: Courses required for the Certificate of Achievement.
*Note: Recommended Business electives are 6 credits from this list: ACC 132, ACC 252, ACC 275, BUS 125, BUS 193W, BUSN 261, MKT 285.
*Note: Bachelor degree-seeking students may take a Global Multicultural Perspective or a Natural Science instead of a Business elective.

*Note: Bachelor degree-seeking students may take a Global Multicultural Perspective or a Natural Science instead of a Business elective.
Business Technology

The Business Technology career ladder is competency-based and focuses on the skills, knowledge, and attitudes needed to prepare for office positions in government or industry. The curriculum includes specialties, as well as general offerings, to broaden students' background and to enhance employability and promotion possibilities. The Business Technology umbrella offers credentials at four levels:

- Certificates of Competence (CO) cover skills prerequisite to the career ladder program for entry-level positions such as Receptionist, General Office Clerk, and Virtual Office Assistant. The Medical Office Specialist I prepares for medical assistant positions not requiring a degree.
- Certificate of Achievement (CA) prepares students for the more complex roles of Administrative Assistant, Computer Operator, Medical Secretary, or Medical Office Specialist.
- Associate in Applied Science (AAS) degree advances skills and provides focus in two specialty areas. The Information Processing specialty prepares for responsible positions using integrated word processing, database, and spreadsheet applications, as well as for nationally recognized office specialist certification exams. Medical Office Specialist II prepares for work in out-patient or in-patient environments in positions that require an AAS degree, including Medical Assistant, Doctor's Assistant, Medical Office Assistant, Clinical Assistant, and Health Unit Coordinator.
- Employment and Promotion Possibilities. The Business Technology umbrella offers credentials at four levels.

The Business Technology career ladder is competency-based and focuses on the skills, knowledge, and attitudes needed to prepare for office positions.

### Requirements for Certificates of Competence (CO):

- **Note:** At least five of the required credits must be completed from UH Maui College courses. Up to five BUSN credits may be satisfied through pre-testing prior to registration, high school articulation or transcript evaluation, or by obtaining program coordinator consent.

#### Business Technology: 16 credits
- Business Technology 150 or ICS 101(3)
- Business Technology 161, Business 120, or Management 120(3)

#### Medical Office Specialist I: 22 credits
- Business Technology 150 or ICS 101(3)
- Health 129(3)
- Business Technology 161, Business 120, or Management 120(3)
- Business Technology 193v(1)
- Nursing 100(6)
- Business Technology 193v(1)
- Biology 100(3)**
- English 100(3)**

#### Virtual Office Assistant: 23 credits
- Business Technology 150 or ICS 101(3)
- Accounting 124 or 201(3)
- Business Technology 121 or 123(3)
- Business Technology 151(3), 159(3), 164(3), 193v(2)

#### Requirements for Certificate of Achievement (CA): 31 credits

- **All Business Technology CO courses:**
  - Information Processing full-time students would take courses in this sequence:
  - Contact the program coordinator, Sanford Lowe, at 984-3905 or by email at sanford@hawaii.edu for more information.

- **First Semester (Fall):**
  - BUSN 193v *Business Technology Coop Education* (1-3, 2-3)
  - BUSN 123 *Word Processing for Business* (3)
  - *BUSN 193w Business Computer Spreadsheets* (3)
  - BUSN 232 *Business Computer Spreadsheets* (3)
  - Social Science elective
  - English 209(3)

- **Second Semester (Spring):**
  - BUSN 170 *Records & Information Management* (3)
  - BUSN 151 *Intermediate Business Computing* (3)
  - BUSN 292 *Integrated Office Procedures* (3)
  - BUSN 189 *Business Mathematics* (3)
  - BUSN 185 *Processing Physician Orders* (3)

- **Third Semester (Fall):**
  - BUSN 150 or ICS 101
  - BUSN 120 or MGT 120
  - BUSN 110 *Office Computer Troubleshoot-Maint,* or BUSN 261 *Web Page Construction Fund & Marketing* (3)
  - BUSN 193w *Business Technology Coop Education* (2-3)
  - BUSN 232 *Business Computer Spreadsheets* (3)

- **Fourth Semester (Spring):**
  - BUSN 150 or ICS 101
  - BUSN 195v *Business Technology Coop Education* (1)

### Medical Office Specialist I (CO) and Medical Office Specialist II (AAS) full-time students would take this sequence:**

- **First Semester (Fall):**
  - BUSN 161, BUS 120, or MGT 120
  - BUSN 193v or BUSN 193w
  - BUSN 110 *Office Computer Troubleshoot-Maint,* or BUSN 261 *Web Page Construction Fund & Marketing* (3)
  - BUSN 292 *Integrated Office Procedures* (3)
  - BUSN 189 *Business Mathematics* (3)

- **Second Semester (Spring):**
  - BUSN 185 *Processing Physician Orders* (3)
  - BUSN 195v *Business Technology Coop Education* (1)
  - BUSN 232 *Business Computer Spreadsheets* (3)
  - Social Science elective

### Information Processing full-time students would take courses in this sequence:

- **CO - Business Technology**
  - **First Semester (Fall):**
    - BUSN 150 or ICS 101
    - BUSN 161, BUS 120, or MGT 120
    - BUSN 166 *Professional Employment Preparation* (3)
    - BUSN 170 *Records & Information Management* (3)
    - BUSN 189 *Business Mathematics* (3)
    - ENG 100 *Composition I* (4)
  - **Second Semester (Spring):**
    - BUSN 123 *Word Processing for Business* (3)
    - BUSN 151 *Intermediate Business Computing* (3)
    - BUSN 157 *Desktop Publishing For Business* (3)
    - BUS/COM 130 *Business Communication-Oral,* or Communication 145 *Interpersonal Communication I* (3)
    - ENG 209 *Business & Managerial Writing* (3)

- **AAS - Information Processing Specialty**
  - **Third Semester (Fall):**
    - ACC 124 Principles of Accounting I, or
    - ACC 201 Introduction to Financial Accounting
    - BUSN 110 *Office Computer Troubleshoot-Maint,* or BUSN 261 *Web Page Construction Fund & Marketing* (3)
    - BUSN 193w *Business Technology Coop Education* (2-3)
    - ACC 201, BLAW 200, BUSN 118, 158, 159, 237, 261,
  - **Fourth Semester (Spring):**
    - BUSN 292 *Integrated Office Procedures* (3)
    - BUSN 150 or ICS 101
    - BUSN 166 *Professional Employment Preparation* (1)
    - BUSN 170 *Records & Information Management* (3)
    - BUSN 185 *Processing Physician Orders* (3)
    - BUSN 195v *Business Technology Coop Education* (1)

- **Note:** Courses required for Med Off Spec I (CO) those not going on to the AAS degree may substitute ENG 22 for ENG 100.
- **Note:** Med Off Spec II graduates may receive Business Technology CO & CA by applying.

- **Credits**
  - ENG 100 *Composition I* (4)
  - ACC 124 Principles of Accounting I, or
  - ACC 201 Introduction to Financial Accounting
  - BUSN 157 *Desktop Publishing For Business* (3)
  - BUS/COM 130 *Business Communication-Oral,* or Communication 145 *Interpersonal Communication I* (3)
  - ENG 209 *Business & Managerial Writing* (3)

- **Credits**
  - BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUSN 161, BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUS/COM 130 *Business Communication-Oral,* or Communication 145 *Interpersonal Communication I* (3)

- **Credits**
  - BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUSN 161, BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUSN 166 *Professional Employment Preparation* (1)
  - BUSN 170 *Records & Information Management* (3)
  - BUSN 185 *Processing Physician Orders* (3)

- **Credits**
  - BUSN 123 Word Processing for Business (3)
  - BUSN 151 Intermediate Business Computing (3)
  - BUSN 157 Desktop Publishing For Business (3)
  - BUS/COM 130 Business Communication-Oral, or Communication 145 Interpersonal Communication I (3)
  - ENG 209 Business & Managerial Writing (3)

- **Credits**
  - BUSN 123, BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUSN 151 Intermediate Business Computing (3)
  - BUS/COM 130 Business Communication-Oral, or Communication 145 Interpersonal Communication I (3)
  - ENG 209 Business & Managerial Writing (3)

- **Credits**
  - BUSN 123, BUS 120, or MGT 120
  - BUSN 193w or BUSN 193v
  - BUSN 151 Intermediate Business Computing (3)
  - BUS/COM 130 Business Communication-Oral, or Communication 145 Interpersonal Communication I (3)
  - ENG 209 Business & Managerial Writing (3)
Construction Technology

The Construction Technology program prepares students in general building construction and maintenance of large or small structures. The program allows students to explore different trades prior to selecting a specialization.

Requirements for Certificate of Professional Development (CPD):
- Welding for Trades: 3 credits
  - Welding 102(S)
- Safety: 2 credits
  - Occupational Safety & Health 101(S), and Health 311(S)

Requirements for Certificate of Competence (CO):
- Sustainable Technology: 11-13 credits
  - Intro to Sustainability (3): Either SSM 101(3) or ENRG 101(3)
  - Drafting/Construction skills (2-4): One of the following: AEC 110(4), BLPR 101(3) or ICS 161(3), MAIN 502(2), 65(2), or 702(2).

Renewable Energy skill (3): ENRG 103(3);

Basic Carpentry Skills: 6 credits
- Carpentry 203(3), 403(S)

Basic Drafting Skills: 7 credits
- AEC 110(4), Blueprint 101(3)

Electrical Maintenance: 5 credits
- Electricity 203(S), 23(S)

Energy Production: 6 credits
- Energy 101(S), 103(S)

Maintenance Painting: 4 credits
- Maintenance 202(S), 403(S)

Maintenance Plumbing: 4 credits
- Maintenance 202(S), 502(S)

Rough & Finish Carpentry: 6 credits
- Carpentry 403(S), 433(S)

Small Equipment Repair: 6 credits
- Electrivity 232(S), Maintenance 202(S), 602(S)

Green building skill (3): ENRG 103(S);

Requirements for Certificate of Competence (CO): 16 credits
- Carpentry 203(3)
- Electricity 203(S)
- Energy 101(S)

Requirements for Certificate of Achievement (CA): 34 credits
- All Construction Tech CO courses(16), plus:
  - Architectural Engineering & CAD Tech 110(4)
  - Blueprint 101(3)
  - Carpentry 403(3)
- Maintenance 502(2), 502(2), 602(S), 702(S)
- Cooperative Education 193v(2) - in the appropriate alpha
  - BUS/COM 130 or SP 151(3)

Full-time students would take courses in this sequence:

First Semester (Fall)
- *Carpentry 20 Basic Carpentry Skills
- *ENRG 103 Intro to Sustainable Technology
- *HLTH 311 First Aid & Safety
- *MAIN 20 Intro to Building Maintenance
- *OSH 10 Occupational Safety & Health for Construction
- *ENG 100 or above
- *Mathematics 100 or higher, or BUSN 189(S)***
- Credits
  - BUS/COM 130 or SP 151(3)

Second Semester (Spring)
- *Carpentry 40 Framing and Exterior Finish
- *ELEC 20 Intro to Electricity
- *ENRG 103 Energy Production Systems
- Credits
  - BUS/COM 130 or SP 151(3)

Third Semester (Fall)
- *ELEC 23 Electrical Wiring I
- MAIN 30 Masonry
- *MAIN 40 Painting & Decorating
- MAIN 50 Plumbing
- MAIN 60 Small Equipment Repair
- *AEC 110 Basic AutoCAD
- Cooperative Education 193v(2) - in the appropriate alpha
- Credits
  - 16-19

Fourth Semester (Spring)
- CARP 43 Interior Finish
- MAIN 70 Preventive Maintenance
- Technical electives - see electives in AAS requirements above
- Humanities elective - 100 or above
- Natural Science elective
- Social Science elective - 100 or above
- Credits
  - 19

*Note: Courses required for the Certificate of Achievement.
**Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on for the AAS degree.
***Note: MATH 75/85 may be substituted for the Certificate of Achievement or Competence for those not going on for the AAS degree.
## Culinary Arts

The Culinary Arts career-ladder program is based on three levels of competencies offered in two specialty areas: Culinary Arts and Baking. The competency-based instruction focuses on skills, knowledge, and attitudes needed for success in the hospitality industry.

Lab requirements include basic hand tools, knives, safety shoes, books, appropriate uniforms, proof of negative TB test, and compliance with culinary personal hygiene code requirements. Both the Culinary Arts and Baking Associate in Applied Science specialty degrees are fully accredited by the ACFEFAC (American Culinary Federation Education Foundation Accrediting Commission). Minimum placement test levels of English 22 and Mathematics 75X are required for all incoming Culinary Arts students. It is strongly recommended that prospective students meet with Culinary Arts advisors before entry into Culinary Arts courses.

For information regarding appropriate purchase of program approved standard uniforms, shoes, and knife sets, contact the culinary arts counselor.

### Requirements for Associate in Applied Science (AAS) Degrees:

**Culinary Majors are assessed $180 per term (prorated for part-time).**

### Requirements for Certificate of Achievement (CA) - Culinary Arts: 27 credits

**Contact the program curriculum coordinator, Teresa Shurilla, at 984-3683 or by email at shurilla@hawaii.edu for more information.**

**Requirements for Certificates of Competence (CO):**

**Culinary Arts: 16 credits**
- Culinary 111(2), 112(2), 120(4), 123(4), 130(4), 160(4), 271(4)
- English 100(3)*

**Pastry Cook: 16 credits**
- Culinary 150(4), 155(4), 250(4), 251(4)

**Requirements for Certificate of Achievement (CA) - Culinary Arts: 27 credits**
- Culinary 111(2), 112(2), 120(4), 123(4), 130(4), 150(4), 292v(1)

**Requirements for Associate in Applied Science (AAS) Degrees:**

### Culinary Arts: 63 credits

- Culinary 115(2), 116(3), 160(4), 220(4), 240(3), 271(4), 292v(1)
- Hospitality & Tourism 154(3)
- Food Science & Human Nutrition 185 or 285(3)
- Social Science elective - 100-level

### Pastry Cook: 70 credits

- All Pastry Cook CO courses(16), plus:
  - Culinary 111(2), 112(2), 116(3), 120(4), 123(4), 130(4), 150(4), 271(4), 292v(1), 293v(3)
  - Hospitality & Tourism 154(3)
- Food Science & Human Nutrition 185 or 285(3)
- Social Science elective - 100-level

*Note:  ENG 22 may be substituted for the Certificate of Achievement.*

---

### Culinary Arts full-time students would take courses in sequence:

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>CULN 111 Introduction to the Culinary Industry</em></td>
<td>2</td>
<td><em>CULN 120 Fundamentals of Cookery</em></td>
<td>4</td>
</tr>
<tr>
<td><em>CULN 112 Sanitation and Safety</em></td>
<td>2</td>
<td><em>CULN 130 Intermediate Cookery</em></td>
<td>4</td>
</tr>
<tr>
<td><em>CULN 123 Culinary Basics</em></td>
<td>4</td>
<td><em>BUS/COM 145, 130, SP 151, or LSK 110</em></td>
<td>3</td>
</tr>
<tr>
<td><em>CULN 150 Fundamentals of Baking</em></td>
<td>4</td>
<td><em>CULN 292v Work Practicum</em></td>
<td>1</td>
</tr>
<tr>
<td><em>CULN 100, or MATH 100 or 103</em></td>
<td>3</td>
<td><em>ENG 100 Composition 1</em></td>
<td>3</td>
</tr>
<tr>
<td><em>CULN 293v Work Practicum</em></td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Summer**

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>CULN 293v</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Semester</th>
<th>Credits</th>
<th>Fourth Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULN 160 Dining Room Service</td>
<td>4</td>
<td>CULN 116 Culinary Sustainability</td>
<td>1</td>
</tr>
<tr>
<td>CULN 220 Advanced Cookery</td>
<td>4</td>
<td>CULN 240 Garde Manger</td>
<td>3</td>
</tr>
<tr>
<td>CULN 115 Menu Merchandising</td>
<td>2</td>
<td>CULN 271 Purchasing and Cost Controls</td>
<td>4</td>
</tr>
<tr>
<td>HOST 154 Food &amp; Beverage Operations</td>
<td>3</td>
<td>FSHN 185 or 285</td>
<td>3</td>
</tr>
<tr>
<td>Humanities elective - 100-level</td>
<td>4</td>
<td>Social Science elective - 100-level</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td><strong>Total</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

### Baking full-time students would take courses in sequence:

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>CULN 111 Intro to the Culinary Industry</em></td>
<td>2</td>
<td><em>CULN 116 Intro to Culinary Sustainability</em></td>
<td>1</td>
</tr>
<tr>
<td><em>CULN 112 Sanitation &amp; Safety</em></td>
<td>2</td>
<td><em>CULN 120 Fundamentals of Cookery</em></td>
<td>4</td>
</tr>
<tr>
<td><em>CULN 123 Culinary Basics</em></td>
<td>4</td>
<td><em>CULN 130 Intermediate Cookery</em></td>
<td>4</td>
</tr>
<tr>
<td><em>CULN 150 Fundamentals of Baking</em>*</td>
<td>4</td>
<td><em>CULN 292v Work Practicum &amp; Seminar</em></td>
<td>1</td>
</tr>
<tr>
<td><em>CULN 100, or MATH 100 or 103</em></td>
<td>4</td>
<td><em>COM 145, BUS/COM 130, SP 151, or LSK 110</em></td>
<td>3</td>
</tr>
<tr>
<td><em>ENG 100 Composition 1</em></td>
<td>15</td>
<td><em>ENG 100 Composition 1</em></td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>16</td>
<td><strong>Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

**Summer**

<table>
<thead>
<tr>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CULN 155 Intermediate Baking**</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Semester</th>
<th>Credits</th>
<th>Fourth Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULN 160 Dining Room Service</td>
<td>4</td>
<td>CULN 251 Advanced Baking II**</td>
<td>4</td>
</tr>
<tr>
<td>CULN 220 Advanced Cookery</td>
<td>4</td>
<td>CULN 271 Purchasing and Cost Controls</td>
<td>4</td>
</tr>
<tr>
<td>CULN 250 Advanced Baking I**</td>
<td>4</td>
<td>CULN 293v Culinary Field Experiences</td>
<td>3</td>
</tr>
<tr>
<td>Humanities elective - 100-level</td>
<td>3</td>
<td>FSHN 185 or 285</td>
<td>3</td>
</tr>
<tr>
<td>HOST 154 Food &amp; Beverage Operations</td>
<td>3</td>
<td>Social Science elective - 100-level</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

*Note:  Courses required for the Certificate of Achievement.
**Note:  Courses required for the Pastry Cook Certificate of Competence.*
### Dental Hygiene

The Dental Hygiene program is a four semester and one summer session program within a cohort that prepares individuals to work in general and specialty dental offices, and public health agencies. Emphasis is placed on the correlations among prevention, education, and the clinical phases of dental hygiene practice as well as basic and social sciences. The curriculum is organized in accordance with requirements of the American Dental Association Commission on Dental Accreditation for a Dental Hygiene program and with consultation from the Maui County Dental Association. The Dental Hygiene program is accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council of Postsecondary Accreditation and the United States Department of Education. Graduates are eligible to take the National Board of Dental Hygiene Exam, National Clinical Examination, and apply for licensure with the Hawaii Board of Dental Examiners.

The following minimum prerequisite courses (19 credits) are required of students entering the Dental Hygiene program: ENG 100(3); MATH 100, 103, or 113(5); MCIR 130(3) and 140(2); PHYLY 141L(3) and 142L(3), all with grade C or better. General Education AS credits (see below) may be completed early to reduce coursework and be more competitive in the selection process. Science lecture courses required for admission have a 10-year time limit, which must be completed within the last 10 years prior to application deadline. A "lab" course (e.g., PHYLY 141L, 142L) does not have a time limit, and may be repeated online in the UH system as a 3-credit lecture-only course.

Admission is every other year: application deadline for the next Fall Cohort is 1 May of that year. Admission to UHMC does not guarantee admission to the Dental Hygiene program.Courses may be repeated once to raise a grade, with the higher grade used for admission purposes. The application process includes an interview and writing exercise. In event of a tie (students with same points on Program Applications), the student with the highest UHMC GPA is offered admission to the program. All qualified Hawaii State residents will be considered before any qualified nonresident. Dental Hygiene majors are assessed a professional fee of $500 per semester. Visit the UH Maui College dental website at https://www.hawaii.edu/uhmcdental

### Contact the program coordinator, Rosie Vierra, at 984-3313 or by email at riverra@hawaii.edu for information.

#### Requirements for Associate in Science (AS) Degree: 85 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH 150 Oral Histology &amp; Embryology</td>
<td>2</td>
</tr>
<tr>
<td>DH 155 Clinical Dental Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>DH 156 Pre-Clinical Dental Hygiene</td>
<td>3</td>
</tr>
<tr>
<td>DH 158 Anatomical Sciences</td>
<td>2</td>
</tr>
<tr>
<td>DH 254 Pathology in DH &amp; Special Patient Populations</td>
<td>3</td>
</tr>
<tr>
<td>DH 267 Dental Radiology &amp; Interpretation</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 241+141 Fundamentals of Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>PHRM 203 General Pharmacology</td>
<td>4 (6)</td>
</tr>
</tbody>
</table>

Summer Session (6 weeks)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH 261 Clinical Dental Hygiene 2</td>
<td>2</td>
</tr>
<tr>
<td>DH 266 Local Anesthesia and Pain Control</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Cohort takes courses in this sequence: Parenthood show General Education courses recommended to be taken beforehand.

<table>
<thead>
<tr>
<th>First Semester (Fall)</th>
<th>Credits</th>
<th>Second Semester (Spring)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH 150</td>
<td>2</td>
<td>DH 252 Dental Materials 1</td>
<td>1</td>
</tr>
<tr>
<td>DH 155</td>
<td>2</td>
<td>DH 253 Dental Materials 2</td>
<td>1</td>
</tr>
<tr>
<td>DH 156</td>
<td>3</td>
<td>DH 255 Oral Pathology in Dental Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>DH 158</td>
<td>2</td>
<td>DH 256 Applied Pharmacology in Dentistry</td>
<td>2</td>
</tr>
<tr>
<td>DH 254</td>
<td>2</td>
<td>DH 257 Periodontal Clinical Techniques</td>
<td>2</td>
</tr>
<tr>
<td>DH 267</td>
<td>3</td>
<td>DH 260 Clinical Dental Hygiene 1</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 241+141</td>
<td>3</td>
<td>SP 151 or COM 150 - Humanities</td>
<td>3</td>
</tr>
<tr>
<td>PHRM 203</td>
<td>4 (6)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full-time students would take courses in this sequence:

- Students are strongly recommended to meet with program coordinator to plan course sequence.

First Semester (Fall) Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ECED 105: Introduce to Early Childhood Ed</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 151 Early Childhood Hygiene</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 245/FAMR 235 Child, Family, Community</td>
<td>3</td>
</tr>
<tr>
<td>*FAMR 230 or PSY 240</td>
<td>3</td>
</tr>
<tr>
<td>*ENG 100 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>*HWST 107 recommended</td>
<td>3</td>
</tr>
</tbody>
</table>

Second Semester (Spring) Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ECED 105 Development Appropriately Practical</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 255 Early Childhood Field Experience IA or IB</td>
<td>4</td>
</tr>
<tr>
<td>*FAMR 230 or PSY 240</td>
<td>3</td>
</tr>
<tr>
<td>*ENG 100 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 115 Health, Safety, Nutrition for the Young Child</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 265 Language &amp; Creative Expression Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>*ECED 275 Children with Special Needs or ECED elective</td>
<td>3</td>
</tr>
<tr>
<td>*FAMR 235 Early Childhood Field Experience IA or IB</td>
<td>4</td>
</tr>
<tr>
<td>*ART 101 Introduction to Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 210 Introduction to Visual Arts</td>
<td>3</td>
</tr>
<tr>
<td>*Note: *Course required for the Certificate of Achievement.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students may be required to obtain a physical or doctor's note, or to be fingerprinted at all students' expense.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students interested in a Bachelor of Education degree from UH Manoa may take a Global Multicultural Perspective or a Natural Science, instead of ENG 210.</td>
<td></td>
</tr>
<tr>
<td>*Note: *SPED 304 strongly recommended for transfer to UH Manoa, Bachelor in Education PreKSPED.</td>
<td></td>
</tr>
</tbody>
</table>

### Early Childhood Education

The Early Childhood Education program is designed to prepare students to work with young children from birth to 5 and their families. The curriculum is organized around a core of courses that provide skills and knowledge needed by early childhood educators. This Associate in Science degree is accredited by the National Association for the Education of Young Children and articulates into the UH West Oahu Bachelor in Social Science, Early Childhood Education concentration. Students who have a current CDCA (Child Development Associate) credential (without ECE 190 credit) may apply for 4 credits of ECE 191v - Early Childhood Field Experience IB after taking 12 credits of UHMC courses. The student will receive "credit" and no grade for the class, per the policy Credit for Non-Colligate Instruction in the UHMC General Catalog. See program coordinator to initiate the process.

#### Contact the program coordinator, Elaine Yamashita, at 984-3208 or by email at yamash@hawaii.edu for a careful selection of courses.

#### Requirements for Certificates of Competence (CO)

| Preschool Child Development Associate: 9 credits                      |          |
|-----------------------------------------------------------------------|          |
| ECE 105(3); 110(3); 131(3)                                            |          |
| 2.0 GPA required in courses taken for CO.                            |          |
| CO fulfills the education part of CDA - see program coordinator.     |          |

#### Early Childhood Education: 22 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 105(3); 110(3); 131(3); ECE 140/FAMR 140(3); ECE 245/FAMR 235(3); 190(4); 191v(4); 291v(4); 263(4); 296(4); 275(4)</td>
<td>2.0 GPA required in CO courses &amp; grade C or better in each.</td>
</tr>
</tbody>
</table>

#### Early Childhood Option: 12 credits from this list: for those with bachelor degrees in any field other than ECE or EdEnEd.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 105(3); 110(3); 131(3); ECE 140/FAMR 140(3); ECE 245/FAMR 235(3); 190(4); 191v(4); 291v(4); 263(4); 296(4); 275(4)</td>
<td></td>
</tr>
</tbody>
</table>

#### Requirements for Certificate of Achievement (CA): 38 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECED/235 or ECE elective</td>
<td></td>
</tr>
<tr>
<td>Human Services 110(3)</td>
<td></td>
</tr>
<tr>
<td>Art 101(3)</td>
<td></td>
</tr>
<tr>
<td>Communication 130, 145, or Speech 151, or Global Multicultural Perspective(PG 3)</td>
<td></td>
</tr>
<tr>
<td>FAMR 230 or PSY 240</td>
<td></td>
</tr>
<tr>
<td>Humanities elective - HWST 107 recommended Natural Science elective(3-4)</td>
<td></td>
</tr>
<tr>
<td>English 210(3)</td>
<td></td>
</tr>
<tr>
<td>*Note: *Course required for the Certificate of Achievement.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students may be required to obtain a physical or doctor's note, or to be fingerprinted at all students' expense.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students interested in a Bachelor of Education degree from UH Manoa may take a Global Multicultural Perspective or a Natural Science, instead of ENG 210.</td>
<td></td>
</tr>
<tr>
<td>*Note: *SPED 304 strongly recommended for transfer to UH Manoa, Bachelor in Education PreKSPED.</td>
<td></td>
</tr>
</tbody>
</table>

### Early Childhood Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 140/190/191v Early Childhood Field Experience IA or IB or</td>
<td></td>
</tr>
<tr>
<td>FAMR 230 or PSY 240</td>
<td></td>
</tr>
<tr>
<td>Humanities elective - HWST 107 recommended Natural Science elective(3-4)</td>
<td></td>
</tr>
<tr>
<td>English 210(3)</td>
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</tr>
<tr>
<td>*Note: *Course required for the Certificate of Achievement.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students may be required to obtain a physical or doctor's note, or to be fingerprinted at all students' expense.</td>
<td></td>
</tr>
<tr>
<td>*Note: *Students interested in a Bachelor of Education degree from UH Manoa may take a Global Multicultural Perspective or a Natural Science, instead of ENG 210.</td>
<td></td>
</tr>
<tr>
<td>*Note: *SPED 304 strongly recommended for transfer to UH Manoa, Bachelor in Education PreKSPED.</td>
<td></td>
</tr>
</tbody>
</table>
Electronic & Computer Engineering Technology

The Electronic & Computer Engineering Technology (ECET) program provides students with the skills and knowledge required for entry level employment within the high-technology industry as electronic / electro-optic technicians, renewable energy technicians, telecom technicians, and network system administrators. Students learn fundamental engineering concepts, computer programming, mathematics, and physics relevant to a wide variety of industries on Maui. Training, equipment, and supplies are provided for 3-D printing and circuit board fabrication. Software applications for circuit simulation, CAD, finite element analysis, and microprocessor control are utilized. The program requires written and verbal proficiencies and emphasizes laboratory competencies. Internship and job placement opportunities in a variety of engineering technology positions are provided. The ECET program also includes a Certificate of Competence (CO) and Certificate of Achievement (CA) in Information Security Specialist. The ECET program is the lower division pathway to the Bachelor of Applied Science (BAS) in Engineering Technology (ENG). Courses that are prerequisites to the BAS require grade C or better.

Admission Process

Applications are reviewed on a first-come first-served basis. Complete all required steps: 1) Complete math and English placement tests (ECET courses require specific placement scores). 2) Contact program coordinator, Elizabeth Dubuit (edubuit@hawaii.edu, 984-3706) or program counselor Kalumano Ishihara (virshies@hawaii.edu, 984-3272) to schedule an application review session and create an academic plan of study. 3) Contact Elisabeth Dubuit, at 984-3706 or by email at edubuit@hawaii.edu for more information.

Requirements for Certificate of Competence (CO) in Electronic & Computer Engineering Technology: 10 credits

Electronics 101(3), 102(4)

Requirements for Certificate of Achievement (CA) in Electronic & Computer Engineering Technology: 26 credits

All CA courses(36), plus:

Requirements for Certificate of Achievement (CA) in Information Security Specialist: 12 credits

Prereq: ENG 22 and MATH 82, both with grade C or better (or placement to higher course) and consent.

Information & Computer Science 110(3), 111(4)

Requirements for Certification in Applied Science (AAS) Degree: 60 credits

Electronics 193v(1), 293v(1)

Electronics 210(3), 212(3), 296(3)

All CA courses(26), plus:

Requirements for Certificate of Achievement (CA): 36 credits

English 100(3), 106(3)**

Mathematics 100(3)

Physics 105(4), 106(4)

Information & Computer Science 110(3), 111(4)

Physics 105(4) - Natural Science elective

Requirements for Associate in Science (AS) in Electronic & Computer Engineering Technology: 61 credits

Electronics 140(4), 161(3), 205(4), 210(5), 212(3), 296(3)

Electronics 193v(1), 293v(1)

Cohort takes courses in this sequence:

First Semester (Fall)

*ETR O 105 Circuit Analysis I

*ETR O 110 Intro to Computer Programming**

*ENG 100 Composition I

*MATH 119***

Social Science elective - 100 or above

Credits

4

3

3

3

15

Second Semester (Spring)

*ETR O 106 Circuit Analysis II

*ICS 111 Intro to Computer Science I

*PHYS 105 Principles of Technology

Communication elective - 100 or above

Social Science elective - 100 or above

Credits

4

3

4

4

15

Third Semester (Fall)

*ETR O 140 Fundamentals of Computer Networking

*ETR O 193 Internship I

*ETR O 201 Digital Technology I

*ETR O 210 Electronic Technology I

ENG 210 Research Writing**

Credits

4

1

4

3

1

ETR O 161 Intro Optics & Photonics

ETR O 205 Digital Computer Technology II

ETR O 293v Internship II

ETR O 296 Special Projects in ECET

Credits

3

4

1

1

15

*Note:  Course required for the Certificate of Achievement.

**Note: Prerequisite to the BAS in Engineering Technology. Students not planning to pursue the BAS may ask program advisor about another course.

***Note: ICS 101 is recommended.

****Note: MATH 135 and MATH 140 may be substituted for MATH 119.

Fashion Technology

The Fashion Technology program provides comprehensive training in apparel production and fashion design required by entrepreneurs and businesses in the fashion industry. The program develops technical skills required for job entry, retraining for the garment industry, and upgrading of sewing and pattern making skills for those already employed in the field. Laboratory activities promote the development of skills in designing, pattern drafting, and construction of basic and advanced apparel. The use of industry equipment and sewing techniques are demonstrated in group instruction. When special techniques and problems are encountered, students are given specialized instruction.

Contact the program coordinator, Cheryl Maeda, at 984-3292 or by email at macchide@hawaii.edu for more information.

Requirements for Certificates of Competence (CO): 12 credits

Fashion Technology 293v(1), 403v(1), 113v(1), 115v(1)

Dressmaker: 18 credits - Offered as needed

Fashion Technology 603v, 613v, 113v(1), 115v(1), 215v, 216v

Requirements for Certificate of Achievement (CA): 36 credits

Fashion Technology 253v, 403v(1), 113v(1), 115v(1), 215v, 216v, 217v, 300v, 90v/190v/290v(3)

Fashion Technology 90v/190v/290v, or FT elective approved by program coordinator(3)

Requirements for Associate in Applied Science (AAS) Degree: 60 credits

All CA courses(56), plus:

Accounting 124(3)

Marketing 120, BUSN 150, or ICS 101(3)

Business 125(3)

BUS/COM 130, COM 145, or SP 151 or 251(3)

Full-time students would take courses in this sequence:

First Semester (Fall)

*FT 111 Art and Design in Fashion

*FT 113 Clothing Construction Methods I

*FT 115 Clothing Construction Methods II

*MATH 100 or higher, or BUSN 189

FT elective or General Education elective

Credits

3

3

3

3

15

Second Semester (Spring)

*FT 100 Fashion Analysis

*FT 90v/190v/290v or FT elective

*FT 215 Flat Pattern Making I

MKT 120, BUSN 150, or ICS 101

Natural Science elective

Social Science elective

Credits

3

3

3

3

15

Third Semester (Fall)

*FT 40 Fabric Analysis

*FT 90v/190v/290v Special Topics

*FT 217 Flat Pattern Making II

Natural Science elective

Social Science elective

Credits

3

3

3

3

15

*Note: Courses required for the Certificate of Achievement.

**Note: ENG 22 may be substituted for the Certificate of Achievement for those not going on for the AAS degrees.

***Note: MATH 75X/82 may be substituted for the Certificate of Achievement for those not going on for the AAS degrees.
Hospitality & Tourism

The Hospitality & Tourism program provides graduates the knowledge and skills essential for successful employment in leadership positions in the hospitality industry. Accredited by the Accreditation Commission for Program in Hospitality Administration (ACPHA), the program is organized with a core of courses focusing on various aspects of the hotel industry, enveloped by a variety of business and general education courses to broaden the students’ background and enhance employability.

Students planning to transfer to baccalaureate degree programs should see a counselor about the requirements for entrance to these programs. A grade of C or better in HOST courses is required for the CO, CA, and AAS degree. A minimum 2.0 GPA is required.

Certificate of Competence (CO): 12 credits

- HOST 100 - Career and Customer Service Skills (3)
- HOST 101 - Introduction to Hospitality and Tourism (3)
- HOST 150 - Housekeeping Operations (3)
- HOST 154 - Food & Beverage Operations (3)
- ENG 100 Composition I (3)
- HOST 293 - Hospitality Internship or HOST 294 Hospitality Internship Abroad (3)
- MATH 115 Intro to Statistics & Probability (recommended), or MATH 105, or 100 (or higher) (3)

Certificate of Achievement (CA): 34 credits

- All CO courses (12) plus
- Host 151 - Food & Beverage Operations (3)
- HOST 295 - Hospitality Internship or HOST 294 Hospitality Internship Abroad (3)
- HOST 293 - Hospitality Internship or HOST 294 Hospitality Internship Abroad (3)
- HOST 150 - Housekeeping Operations (3)
- ENG 100 Composition I (3)
- HOST 100 - Career and Customer Service Skills (3)
- HOST 101 - Introduction to Hospitality and Tourism (3)
- HOST 154 - Food & Beverage Operations (3)
- ENG 100 Composition I (3)
- HOST 293 - Hospitality Internship (3)
- HOST 294 - Hospitality Internship Abroad (3)
- MATH 115 Intro to Statistics & Probability (recommended), or MATH 105, or 100 (or higher) (3)

Requirements for Associate in Applied Science (AAS) Degree: 64 -65 credits

First Semester (Fall)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOST 100</td>
<td>Career and Customer Service Skills</td>
<td>3</td>
</tr>
<tr>
<td>HOST 101</td>
<td>Introduction to Hospitality and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>HOST 150</td>
<td>Housekeeping Operations</td>
<td>3</td>
</tr>
<tr>
<td>HOST 154</td>
<td>Food &amp; Beverage Operations</td>
<td>3</td>
</tr>
<tr>
<td>ENG 100</td>
<td>Composition I</td>
<td>3</td>
</tr>
</tbody>
</table>

Second Semester (Spring)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOST 152</td>
<td>Front Office Operations</td>
<td>3</td>
</tr>
<tr>
<td>HOST 154</td>
<td>Food &amp; Beverage Operations</td>
<td>3</td>
</tr>
<tr>
<td>HOST 293</td>
<td>Hospitality Internship or HOST 294 Hospitality Internship Abroad</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Intro to Statistics &amp; Probability (recommended), or MATH 105, or 100 (or higher)</td>
<td>3</td>
</tr>
</tbody>
</table>

Summer Session

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOST 293</td>
<td>Hospitality Internship, or HOST 294 Hospitality Internship Abroad</td>
<td>3</td>
</tr>
</tbody>
</table>

Third Semester (Fall)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOST 258</td>
<td>Hospitality Marketing</td>
<td>3</td>
</tr>
<tr>
<td>ECON 150</td>
<td>Principles of Economics: Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ACC 281</td>
<td>Intro to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ENG 209</td>
<td>Business and Managerial Writing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 130</td>
<td>Business Communications - Oral or SP 151 Personal &amp; Public Speech</td>
<td>3</td>
</tr>
</tbody>
</table>

Fourth Semester (Spring)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOST 280</td>
<td>Hospitality Management</td>
<td>3</td>
</tr>
<tr>
<td>ACC 202</td>
<td>Intro to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>HOST 260</td>
<td>Hospitality Law or BLAW 200</td>
<td>3</td>
</tr>
<tr>
<td>HOST 131**</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

*Note: Natural Science and Lab is recommended for Bachelor degree seeking students.

**Note: ECON 131 is recommended elective for Bachelor degree seeking students.

Human Services

The Human Services program prepares graduates to enter the social service workforce with the professional attitudes, skills, and knowledge necessary to succeed. The program also provides specialized academic certificates for majors and those in the workforce seeking advancement in their field of specialization. The 52 credits in Human Services with the Certificates of Competence in Substance Abuse Counseling I and II fulfill the Dept. of Health, Alcohol and Drug Abuse Division (ADAD) educational requirements for Certified Substance Abuse Counselor (CSAC). These certificates also qualify for 200 of the 600-hour fieldwork requirement for CSAC. Human Services majors are required to earn a letter grade of C or better (or credit-by-exam) for each HSER and CHW course.

Certificate of Competence (CO): Minimum C grade or better required in each course taken for CO.

- Aging: 9 credits
  - Human Services 105 (3), 140 (3), 253 (3), or 294 (3)

- Case Management: 9 credits
  - Human Services 140 (3), 248 (3), 194 or 294 (3)

- Dynamics of Family Violence: 9 credits
  - Human Services 140 (3), 245 (3), 253 (3)

- Substance Abuse Counseling I: 9 credits
  - Human Services 140 (3), 268 (3), 194 (3)

- Substance Abuse Counseling II: 9 credits
  - Human Services 245 (3), 270 (3), 294 (3)

- Youth Development Practitioner: 9 credits
  - Human Services 130 (3), 140 or 248 (3), 253 (3)

Community Health Worker/ Health Navigator I (CO): 15 credits

- This certificate prepares individuals to work in health/human service settings to: provide culturally appropriate health promotion & outreach services, mediate between communities and health/human service systems, assure access to healthcare, and build individual and community capacity.
- Contact the program coordinator, Selene LeGare, at 984-3274 or by email at slegare@hawaii.edu for a careful selection of courses.

Requirements for Certificate of Achievement (CA): 30 credits

- HSER 110 (3), 140 (3), 194 (3), and 248 (3)
- Psychology 100 (3) - SDS
- Sociology 100 (3)

Requirements for Associate in Science (AS) Degrees: 60-62 credits

- All CA courses (30) plus
  - HSER 294 (3)
  - FAMR 230 or PSY 240 (3)
  - HOST 107 (3)
  - COM 130 (2M), COM 145 (DS), or SP 151 (3)
- HSER/CHW Specialization electives (6)
- English 100 (3) - FWS
- Mathematics 100, 103, 112, 115*, or Philosophy 110 (3)*

Full-time students would take this sequence:

First Semester (Fall)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 130</td>
<td>Human Services 130 (3), 140 or 248 (3), 253 (3)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Intro to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 110</td>
<td>Philosophy 110 (3)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 240</td>
<td>Dynamics of Family Violence</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Survey of General Sociology</td>
<td>3</td>
</tr>
<tr>
<td>HSER 140</td>
<td>Intro to Counseling &amp; Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>HSER 294</td>
<td>Case Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Second Semester (Spring)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSER 248</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>HSER 194</td>
<td>Seminar &amp; Fieldwork</td>
<td>3</td>
</tr>
<tr>
<td>HSER/CHW</td>
<td>Specialization elective</td>
<td>3</td>
</tr>
<tr>
<td>PSY 108</td>
<td>Survey of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 100</td>
<td>Intro to Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 110</td>
<td>Philosophy 110 (3)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>General Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 145</td>
<td>Multicultural Perspectives</td>
<td>3</td>
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Third Semester (Fall)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSER 140</td>
<td>Seminar &amp; Fieldwork</td>
<td>3</td>
</tr>
<tr>
<td>HSER 248</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>HSER/CHW</td>
<td>Specialization elective</td>
<td>3</td>
</tr>
<tr>
<td>FAMR 230</td>
<td>Dynamics of Family Violence</td>
<td>3</td>
</tr>
<tr>
<td>HOST 107</td>
<td>Center of the Pacific</td>
<td>3</td>
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</table>

Fourth Semester (Spring)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSER 194</td>
<td>Seminar &amp; Fieldwork</td>
<td>3</td>
</tr>
<tr>
<td>HSER 248</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>HSER/CHW</td>
<td>Specialization elective</td>
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<td>Philosophy 110 (3)</td>
<td>3</td>
</tr>
<tr>
<td>COM 130</td>
<td>General Multicultural Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>COM 145</td>
<td>Multicultural Perspectives</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Courses required for the Certificate of Achievement.

Note: All Certificates of Competence require practicum placements in agencies/programs providing client services in the area of specialization, e.g., Substance Abuse Counseling CO and II require placements in substance abuse programs and work with clients on the 12 Core Functions of a substance abuse counselor. If student has completed HSER 194, take HSER 294.

Human Services 130 (3), 140, 248 (3), and 253 (3)
- Psychology 100 (3) - SDS
- Sociology 100 (3)

*Note: Courses of the Certificate of Achievement.

Note: All Certificates of Competence require practicum placements in agencies/programs providing client services in the area of specialization, e.g., Substance Abuse Counseling CO and II require placements in substance abuse programs and work with clients on the 12 Core Functions of a substance abuse counselor. If student has completed HSER 194, take HSER 294.

Note: MATH 105 or 115 is strongly recommended for transfer to UH Hilo Bachelor of Social Work. Students using PHIL 110 must complete MATH 103 with grade C or better and the MATH 100 level in order to graduate.

Note: HSER/CHW elective related to student’s specialization or occupational interest as determined with program coordinator.

Note: Course selection may depend on transfer degree selection. See Academic Counselor to determine.
Nursing Career Ladder

The UHMC Associate in Science Nursing (ASN) Program is part of the Hawaii Statewide Nursing Consortium (HSNC) that provides transfer to the Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) pathway at UH Manoa (UHM) or UH Hilo (UHH). UHMC students who successfully complete the required ASN degree courses and complete the required RN to BSN pre-admission requirements will be admitted to UHM or UHH for the RN-BSN program. RN to BSN courses are offered on the UHMC campus. There are also options to exit at the Prac-

ci- nal level (Certificate of Achievement) and the Registered Nurse level (Associate in Science Nursing). For more information, students are encouraged to schedule an academic advising session by calling (808) 984-3306.

Health care students are required to complete University prescribed academic requirements that involve clinical practice in a University affiliated health care facility setting with no substitution allowable. Failure of students to complete the prescribed clinical practice shall be deemed as not satisfying academic program requirements. Students are responsible to satisfactorily complete affiliated health care facility background checks and drug testing in accordance with procedures and timelines as prescribed by the affiliated health care facility. For UH Board of Regents policy, priority for admission is given to fully qualified State of Hawaii residents as determined by the registrar for tuition purposes. For the most current information about UHMC’s Nursing program admission and curriculum, visit the UHMC website at: www.maui.hawaii.edu/nursing/

- Practical Nurse – Certificate of Achievement (CA): PN graduates with the CA are prepared to work under the supervision of a registered nurse or physician in hospitals, extended care facilities, private nursing agencies, home health agencies, clinics, and physician offices.

- Registered Nurse – Associate in Science Nursing (ASN): RN graduates with the ASN degree are prepared for beginning level positions in hospitals, extended care facilities, clinics, physician offices, private nursing agencies, and home health agencies.

- Registered Nurse – Bachelor of Science in Nursing (RN-BSN): RN graduates with a BSN degree are prepared as generalist professional nurses to deliver care in a variety of health care settings.

Nursing Career Ladder Admission Process

For admission to the UH Maui College Nursing Program, complete all steps outlined below by January 31 for the Practical Nurse Pathway Spring Admission. This is for UH Maui College only. Applicants can meet the RN Pathway Admission requirements by acceptance to the Nursing program at the time of acceptance. Applicants not accepted are encouraged to seek academic advising to re-evaluate their academic plan.

- Apply to UH Maui College. Send official transcripts from previous colleges (outside of the University of Hawaii system) to Admissions & Records Office, UH Maui College.
- Submit a Transcript Evaluation Request Form to the Records Office, UH Maui College.
- The Nursing program is competitive. Criteria includes grades in the following prerequisite courses: Math ENG 100; PHYL 141; and PHYL 142.
- Selection is based on the Test of Essential Academic Skills (TEAS) test. It is also recommended to obtain health care experience (nurse aide preferred).

PN Pathway Only: Students that complete the PN Pathway have the options of returning to complete the RN degree program. PN graduates interested in admission into the RN program are required to obtain licensure as a Practical Nurse, paid experience working as a Licensed Practical Nurse (LPN) in the community for one year, completion of NURS 211, NURS 212, and PHRM 203, and re-take of NURS 230 Clinical Immersion I with a grade of B or better. All requirements must be met to qualify for admission to the RN program. Successful completion of the RN program will result in the student obtaining the Associate in Science Nursing (ASN) degree.

Allied Health course repeat policy for PN/RN Admission

- Effective with courses taken in the Fall 2012 semester, courses may be repeated once to raise a grade. Of the two times that the course has been taken, the higher grade will be utilized. Only grades in the first two attempts will be considered for admission to the nursing program.
- The science courses, ZOOL 141 & 142 (revised PHYL 141 & 141L and 142 & 142L) (4 credits-lecture and lab) and Microbiology 130 (3 credit lecture), have a 10-year time limit, which must be completed within the last 10 years prior to the application deadline.

- Contact the Allied Health Chair, Anne Schumhorst, at 808-984-3646, or by email at annes@hawaii.edu for information.

Many students follow this suggested course sequence:

General Education (G.E.) Requirements: 23 credits

Hawaii Statewide Nursing Curriculum (HSNC) General Education Course Checklist Graduation Requirement Form can be downloaded from: http://maui.hawaii.edu/nursing. For required BSN courses via UHMC, see UHMC Advisor and/or Nursing website.

Semester (Fall)  Credits  Semester (Spring)  Credits

| PHYL 141 & 141L Human Anat & Physiology I & Lab | 3 | PHYL 142&142L Human Anat & Physiology II & Lab | 3 |
| ENG 100 Composition I | 3 | * MATH 100, 105, or 115* | 10 |

Certificate of Achievement (CA) Degree: 53 credits

All G.E. courses for CA(23), plus:

First Semester (Fall)  Credits  Second Semester (Spring)  Credits

| NURS 210 W1-Health Promotion Across the Life Span | 9 | NURS 220 Health and Illness I | 10 |
| NURS 211 Professionalism in Nursing I | 1 | PHRM 203 General Pharmacology | 3 |
| NURS 212 Pathophysiology | 3 | | |

Third Semester (Summer)  Credits  CA graduates take NCLEX-PN for licensure

| NURS 230 Clinical Immersion I | 4 |

Associate in Science (AS) Degree: 73 credits

All CA courses (53), plus:

Fourth Semester  Fifth Semester  Credits

| NURS 320 Health & Illness II: Family Health | 10 | NURS 360 W1-Health & Illness III | 9 |
| NURS 362 Professionalism in Nursing II | 2 | |

*Note: Required for CA.

*Note: MATH 115 is required for UH-Manoa Bachelor of Science in Nursing (BSN).

Students who take Statistics from another college will be required to also take MATH 100, 103, or another Symbolic Reasoning course.

**Note: PSY 240 may be substituted.

The Nursing Program is accredited by the Accreditation Commission for Education in Nursing (ACEN), 343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326, phone: 404-975-5000, email: info@acenursing.org, online: www.acenursing.org/
Under the umbrella of the Nursing Career Ladder are Certificates enabling individuals to gain the education and training needed for entry to various nursing-related professions. Grade C or better is required in all courses for a certificate or degree in Allied Health, unless stipulated otherwise.

Contact the Allied Health department chair, Anne Scharnhorst, at 984-3250, or by email at annes@hawaii.edu for information.

Nurse Assistant (CO): 6 credits
Prepares individuals to work in hospitals, extended care facilities, private nursing agencies, and home health agencies under supervision of an LPN or RN. Graduates are eligible to take the Certification Examination.

Nursing 100(6) Nurse Assistant (This course takes one semester; there is no selection process.)
Prerequisite: ENG 19 with grade C or better or placement at least ENG 22.

Adult Residential Care Home Operator (CPD): 3 credits*
ARCH prepares individuals to apply for certification to operate a Care Home in the State of Hawai‘i.

Nursing 12(1), 13(1), 14(1) Three 5-week courses offered during one semester.
Recommended: NURS 100 with grade C or better.

Community Health Worker/Health Navigator I (CO): 15 credits* See curriculum on Human Services program map.

Medical Office Specialist I (CO): See curriculum on Business Technology program map.

Medication Assistant (CPD): 3 credits*
Prepares individuals to work in assisted living and community-based settings.

Pharmacology 105(1) and 107(3).
Prerequisite: BIOL 100 with grade C or better, or consent.
Recommended: NURS 100 with grade C or better.

Pharmacy Technician (CO): 22 credits
Prepares individuals as pharmacy technicians. Includes preparation for National Certification Exam as a Pharmacy Technician.

Grade C or better is required in all courses for the certificate, except in PHRM 192V, the work practicum, which is credit/no credit.

<table>
<thead>
<tr>
<th>First Semester (Fall)</th>
<th>Credits</th>
<th>Second Semester (Spring)</th>
<th>Credits</th>
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**PHRM 192v Work Practicum requires a drug test and criminal background check.**
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Cooperative Education

Cooperative Education (Co-op or internships) is an academic program which offers students an opportunity to integrate classroom-based theory with related practical work experience. Students benefit by:

- gaining practical-on-the-job experience that fosters development of skills, competencies, and interest in a specific occupation or career field.
- participating in field experiences that validate career choices.
- enhancing employability, improve resume, earning capability, and the potential for career advancement.
- exploring or making a transition into new careers.
- earning possible income while attending college. Income varies pending whether mentor/employer site offers paid or unpaid internship experience.

Field sites may be on- or off-campus, paid or volunteer, part- or full-time. Cooperative Education faculty will approve and orient field sites with participating business and organizations. Students developing learning outcomes, are evaluated for work performances, participate in Laulima for online assignments, attend monthly seminars with guest speakers or individual appointments, and develop a career portfolio.

Co-op is currently available in these programs:

- Accounting  - ACC 193v
- Administration of Justice - AJ 239v
- Agriculture - AG 195v
- Auto Body Repair-Painting - ABRP 193v
- Automotive Technology - AMT 93v
- Business Administration - BUS 193v
- Business Technology - BUSN 193v
- Construction Technology - various Career Vocational Education - CVE 93v*
- Electronic-Cmptr Engg - ETRO 193v*
- Fashion Technology - FT 93v
- "Program requires one or more semesters of Co-op.
- "If your college student and students with less than a 2.0 GPA. Courses lower than 100-level may not count toward a specific academic program.
- Contact your counselor to confirm.
- Liberal Arts majors are encouraged to enroll in CASE 193v, 293v, 393v, 493v for career exploration and for professional development.

Co-op credits are variable by program requirements and are based on one credit per each increment of 75 hours of work-based learning. A Co-op course may be repeated for a maximum of 9 credits. Credits may be transferable as determined by the receiving institution. For 193v and 493v Co-op courses, students must be upper division program majors; or consent. Check online at Class Availability for specific course alpha and CRN (e.g., BUSN 193v. CASE 293v)

Call 984-3318, or visit Ka Lama 101, for information and assistance.

CareerLink

CareerLink is staffed Monday through Thursday, from 9:00 am – 4:00 pm, Fridays by appointment. The center is located in Ka Lama 101. Job postings include on- and off-campus employment.

On-campus student employment may be accessed online at: see.its.hawaii.edu/ employment. "A mauia hawaii.edu” email account is required to access this site.

Off-campus jobs may be accessed through Job Center Online. Register at: www.myinterface.com/mauialink/Register, or in person at Ka Lama 101.

CareerLink offers career readiness skills, including internships, cover letter, resume, mock interview, and financial literacy; professional development workshops; and online resources (e.g., Career Spots, HireNet Hawai‘i), and Job Center Online are available to current students and graduates of the UH campuses.

For information, call 984-3318 or visit: www.mauia.hawaii.edu/careerlink/

Topics and Issues Courses

Topics and Issues courses enable the curriculum to encompass emerging issues in a timely manner, to take advantage of expertise from visiting scholars and performers, to answer contemporary needs from students and the community, and to transition coursework while new programs or courses are developed.

Topics courses are available at five levels for every discipline (alpha) in the College curriculum.

ALPHA 90v
- Specialized Topic
- Advanced Topic
ALPHA 290v
- Contemporary Issues
- Advanced Contemporary Issues

Programs, including Liberal Arts, may limit the number of courses or credits that a student may apply toward a certificate or degree. The department in which the faculty member is housed must approve the proposed topics course. With multiple faculty members involved, the department in which the lead faculty member is housed must approve the topics course.

A particular topic may be taught only three times, and then subsequently proposed as a permanent addition to the curriculum through the regular curriculum process.

Credits may vary from 1-6, with contact hours determined by the number of credits. Prerequisites and corequisites are determined by the topic. Topics courses may be repeated without limit for credit.

Work Practicum

Work Practicum (WP 151v) provides work experience on- or off-campus under supervision of a faculty member. Students and college instructors jointly develop learning outcomes. Work Practicum credits are based on one credit for each increment of 75 hours of supervised work. Students desiring to enroll must obtain permission from the course instructor. The course may be repeated for a maximum of nine credits.

Graduation is by CR/NC only.

Apprenticeship

The College provides related credit and noncredit classroom instruction to supplement work experience for apprentices indentured by the State of Hawai‘i in a variety of trade areas, and provides skills upgrading courses for journey-workers.

For more information, call 984-3404.

Sustainable Living Institute of Maui

The Sustainable Living Institute of Maui (SLIM) is a center with a primary focus on noncredit-based community outreach and professional development activities, as well as trainings complementing UH Maui College degree programs. Initiatives include green internships sponsored by IN-NOVATE Hawaii, a community garden, and industry-recognized certifications in facilities operations, renewable energy, and sustainable agriculture. Community outreach and workforce development efforts target K-12 and college-level students and faculty, local industry, and community members at-large.

For information, call 808-984-3579.

Transfer and Articulation Agreement

The College has agreements with other institutions enabling students to meet admission requirements and/or to transfer credits. Agreements exist with a variety of colleges both within and outside the UH system. The College continually seeks to provide transfer opportunities with two- and four-year institutions. As these opportunities are constantly changing and expanding, it is important that students interested in transferring meet with a counselor before starting on a course of study leading to a transfer program.

Sea Grant

The UH Sea Grant Program at UH Maui College is part of a nationwide network of the NOAA national Sea Grant College Program, U.S. Department of Commerce. It promotes environmental management, understanding, and wise use of marine resources in Hawai‘i and the Pacific region. Research provides scientific data to scientists, resource managers, policy makers, legislators, and the public in Hawai‘i and the Western Pacific.

The UH Hawaiian Internship Program (HIP) offers Native Hawaiian undergraduates and graduates summer environmental internships. It also works with the UH Marine Option Program (MOP) develop environmental internships opportunities in Hawai‘i for UH- HIP and MOP students.

The Sea Grant Extension Service supports the information and training needs of marine and coastal resource users and managers in aquaculture, coastal recreation and tourism, regional coastal resources, coastal hazards, and capacity building and training.

For more information, call 984-3425.
Space Grant College Program

The UH Maui College Space Grant program is part of UH Space Grant College Consortium, funded by a grant from NASA.

The program promotes studies in areas concerned with the understanding, utilization, or exploration of space, and with investigation of the Earth from space. Related fields of study include astronomy, engineering, adaptive optics, computer sciences, geology, meteorology, oceanography, physics, social sciences, and the life sciences.

The program offers opportunities to conduct research or participate in internship projects by providing stipends (monetary awards) to support students working on approved projects. Students work with faculty advisors and mentors, as well as with research scientists, on Maui and throughout the UH system. For information, call the NASA Space Grant program associate director at 984-3423, or visit: www.spacegrant.hawaii.edu.

Kaiao

Kaiao, meaning to enlighten, is a Native Hawaiian program at UH Maui College. This Title III grant is federally-funded by the U.S. Department of Education and is focused on increasing the success of, and offering leadership opportunities to Native Hawaiian students by implementing:

Activity One, named Pu‘a A‘e (to flower), is to expand college course offerings at the Hāna Education Center;

Activity Two, named Māoe A‘e (to bud), is to create a successful First Year Experience program focused on increasing success for a cohort of Native Hawaiian, first-time in college, full-time and part time, traditional and non-traditional, classified students.

Activity Three, named Mōhala A‘e (to blossom), is to establish a Native Hawaiian Leadership Program for program participants, including participation by UHMC faculty and staff. For more information, call 984-3405.

Maui Language Institute

Maui Language Institute (MLI) is an English as a second language (ESL) program located on the UH Maui College campus. MLI provides international and local students with English language instruction for academic purposes and for professional advancement.

MLI offers an array of unique English learning opportunities. The regular program offers intensive 8 and 6 week courses for individuals. The custom program will customize training for groups and private instruction.

All international students are required to have health/medical insurance. Students purchasing insurance in their own country must provide written proof that the insurance covers them in the USA.

For more information regarding the MLI program, upcoming sessions, or information about insurance available in Hawai‘i, call +1-808-984-3349 or visit the website: www.maui.hawaii.edu/mli.

International Programs

The Office of International Programs & Services establishes and implements systemwide policies and procedures to ensure the effective coordination of the University of Hawaii’s international programs relating to immigration, study abroad, scholar services, protocol, exchanges, and cooperative agreements.

The University of Hawaii has exchanges and cooperative agreements for both students and faculty with universities around the world, especially with those in the Asia-Pacific region. The office also administers the International Agreements Fund and serves as a clearinghouse for information on the UH international involvement.

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STUDENT HOUSING
UHMC does not have any on-campus student housing facilities and is not in contract with any purveyor to provide off-campus student housing. There are privately owned and managed apartment complexes located within walking distance to the campus, the Kahului Library, and the Queen Ka‘ahumanu Shopping Center.

OTHER HOUSING OPTIONS
Many housing resources are posted online, or in the classified sections of local newspapers, like www.craigslist.com or www.mainesnews.com. Students should use good judgment, and never give their bank account number or important information over email or phone.

EDUCATIONAL OPPORTUNITY CENTER
The Educational Opportunity Center is a federally funded TRIO program providing assistance to college-ready Maui County residents who want to enter a postsecondary educational program. The EOC services are free to those who are qualified as low-income, first-generation to college (those whose parents did not attend college), and/or veterans. The EOC is located on the Kahului campus and at the Molokai Education Center. Weekly visits are made to local high schools and community agencies.

EOC services include comprehensive college and educational information for Hawai‘i and mainland schools, pre-admission advising, admission application, financial aid, scholarship, grant, and loan assistance. EOC advising is available to assist prospective students make appropriate educational decisions by assessing their educational needs, career interests, and academic qualifications.

For more information, contact the EOC office on Maui at 984-3286 or on Molokai’s at 808-553-4491, x4.

COUNSELING
The College offers an array of counseling services throughout the academic year and summer months. A comprehensive program of individual and group counseling is provided for students to enable each individual to develop to his or her fullest potential while realizing educational and career goals.

For information, call 984-3306 to schedule an appointment for counseling.

Academic Counseling
Counselors assist students in planning their program of study and in selecting courses. They provide information about course placement, prerequisites, course sequence, and registration and transfer information.

Personal Counseling
Counselors assist students with personal, social, and college-related programs and help assess personal growth and development.

Graduation Application Assistance
Counselors are available for assistance in applying for graduation. It is highly recommended that all students make an individual appointment prior to their last semester for this important academic check of their progress and completion of degree or certificate requirements. A graduation application and degree/certificate fee must be submitted to the Cashier’s Office by the deadline stated in the Academic Calendar.

Career & Transfer Advisory
Counselors provide information regarding transferring from UHMC to other colleges and universities. Early discussions with a counselor may result in a clear and detailed list of requirements for later degrees. Often this process involves a blend of career, academic, and personal counseling that results in careful planning and completion of courses at UHMC that will eventually transfer and fulfill requirements at another institution.

STAR Advising Tool
STAR is an online information and advising tool that enables students to view their academic pathway for their major, register for classes, view grades, transfer credits, financial aid status, academic holds, and more. Students are strongly encouraged to seek advising to verify degree requirements. Access STAR through MyUH Services at myuh.hawaii.edu.

For more information, contact the Counseling Center at 984-3306.

Orientation
Orientation sessions acquaint new students with College services, programs, and courses are conducted prior to each semester. These sessions may include a campus tour. During the first two days of classes, faculty and staff assist students at “Ask Me” information tables.

For information, call 984-3343.

Lost and Found
The UHMC Mailroom is the official site for College “Lost and Found” items.

For information, call 984-3500 or 984-3374.

STUDENT LIFE & CAMPUS ACTIVITIES
The Office of Student Life, the Associated Students of UH Maui College (ASUHMC) Student Government Council, and the Student Activities Council (SAC) are an integral part of the UHMC educational and co-curricular program. A wide spectrum of activities, workshops, and forums that promote student involvement in college governance and provide opportunities for students to enhance their personal, cultural, social, recreational, and leadership skills.

For information, call 984-3343.

Student Government
The Associated Students of UH Maui College (ASUHMC) is the official student organization. The ASUHMC Student Government Council, the representative governing body of the ASUHMC, is responsible for administering Student Activity fees and for developing and providing programs, services, and activities to meet student needs. The Governance Council also serves as the collective voice for students in student-related issues.

Students are invited to participate in the College’s development by serving on Council committees.

For information, call 984-3343.

Student Publications
The Board of Student Publications (BOSP) serves in an advisory role in the publication of the student newspaper, ‘Olowa.

For information, call 984-3343.

SPECIAL POPULATION PROGRAMS
Kū'ina
The mission of the Kū’ina program is to encourage and facilitate the youths' successful transition to independence and self-sufficiency, be through: achievement of a high school diploma/equivalency, enrollment in post-secondary education, or other advanced training; unsubsidized employment; or military enlistment.

For more information, call 808-984-3669.

Nā Pua No'eau
Nā Pua No'eau is an innovative enrichment program for Native Hawaiian children in grades K-12. The goal is to raise the educational and career aspirations of Hawaiian students and their families by exposing them to numerous educational activities that they may not be able to receive in their home-based schools. Nā Pua No‘eau recognizes that every child has gifts and talents. It is the kuleana (responsibility) of our kumu (teachers) and staff to provide educational opportunities and venues that nurture the haumana (students’) learning and educational journey.

Student eligibility and participation varies from program to program in various grade levels. Nā Pua No‘eau encourages students from an early age to prepare for college.

For more information, call Nā Pua No‘eau Maui Coordinator at 984-3364.

Student Support Services Program
Pai Ka Mana
The mission of the Student Support Services Program (SSSP) is to assist low-income, first generation, and/or disabled program participants in obtaining the knowledge and skills necessary to successfully complete an associate degree or certificate and transfer into a baccalaureate degree program.

Eligible students at UHMC receive services including academic advising, counseling, group and individual tutoring, priority registration, financial aid counseling, cultural and educational explorations, financial literacy, supplemental grant aid to qualifying participants, and assistance in transferring to an upper division four-year institution. Pai Ka Mana serves Molokai’s, Lī‘i‘ahi, Hāna, and Lahaina students as well.

For more information, call SSSP at 984-3574.

Upward Bound & Upward Bound Math Science
The UH Maui College Upward Bound and Upward Bound Math Science programs strive to increase postsecondary enrollment and college degree completion for low-income first-generation Baldwin, Maui, and Molokai’s High School participants. The Upward Bound Math Science program aspires to develop high school participant motivation and academic preparation to enroll and complete postsecondary science, technology, engineering, and mathematics degree programs.

Funded by the U.S. Department of Education, these intensive pre-college programs promote high school academic achievement and preparation for a successful college career. After admission into the program, participants receive continuous services until high school graduation. Participants are tracked for an additional six years after program completion.

Services include assistance with college admission, scholarship searches, and completing financial aid forms; enrolling 6-week Summer Academy; free college tours to Oahu, Hilo, and the mainland; academic advising, homework club, tutoring, motivational counseling, Saturday Academy workshops, cultural activities, and more.

For additional information, call Upward Bound at 984-3299.
Services for Deaf and Hard of Hearing
Deaf and Hard of Hearing individuals desiring information may contact the College by calling the TTY number at (808) 984-3741, or by using the text telephone relay service at 711 or 1-877-447-5990. A TTY phone is located in Pilina 133.

Call the Disabilities Services Counselor at 984-3227 to obtain information about services available for persons with disabilities.

Safe Zone Program
The Safe Zone program exists to create and maintain a positive social, academic, and employment environment at the UH for lesbian, gay, bisexual, transgendered, and intersex faculty, staff, and students. Trained volunteers who serve the program are nonjudgmental, understanding, and trustworthy advocates for those seeking help and advice, or simply a place to talk story. The Safe Zone program insures the enforcement of Hawai‘i State Law (Chapter 386) and established UH policy (Section 105 of the Board of Regents Bylaws and Policies) that explicitly prohibit harassment and discrimination on the basis of sexual orientation.

For information, call 808-956-9250.

STUDENT RIGHT TO KNOW
Graduation & Persistence Rates
UH Maui College
First-time, full-time degree/certificate-seeking undergraduates

GRADUATION RATE
150% of normal time to completion 19%
Gender
Men 17%
Women 20%

IPEDS Race/Ethnicity
Nonresident Alien R
Hispanic/Latino 7%
American Indian or Alaska Native R
Asian 27%
Black or African American R
Native Hawaiian or Other Pacific Islander 21%
White 17%
Two or more races 16%
Race and ethnicity unknown R
Federal Grant/Loan Recipient
Recipient of a Federal Grant 18%
Recipient of a subsidized Stafford Loan who did not receive a Pell Grant 18%
Students who did not receive either a Pell Grant or a subsidized Stafford Loan 20%

PERSISTENCE RATE
Still enrolled after 150% of normal time to completion 19%

TRANSFER OUT RATE 13%

Note – An “R” designates any cohort/subcohort with fewer than 10 students.
This information is provided for the Student Right-to-Know Act, Public Law 101-542.
It provides a partial description of the graduation and enrollment pattern of students. It should not be used to infer or predict individual behavior.
Source – Institutional Research and Analysis Office, University of Hawai‘i, February 2017, Fall 2013 cohort.

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Students desiring academic accommodations are advised to call the disabilities coordinator at 984-5306 as early as possible so that services may be arranged on a timely basis.
Students who owe a repayment on financial aid funds, or are in default on an educational loan, will be unable to receive academic transcripts, register for classes in the subsequent semester, or receive further aid until the amount due is repaid in full or prescribed federal requirements have been met.

Students should be aware that the financial aid award is subject to adjustment due to legislative action, changes in eligibility, enrollment, availability of funds, or increases in students’ external resources. For information regarding eligibility requirements, call 984-3277 or email mauinfofa@hawaii.edu.

Application Procedures
To apply for any form of need-based financial aid, including loans, students must submit a Free Application for Federal Student Aid (FAFSA) to the U.S. Department of Education. A FAFSA must be filed for each academic year during which students wish to receive financial aid. Students requiring assistance in completing FAFSA forms should call the Educational Opportunity Center (EOC) at 984-3204. Students may also submit their application on the web at: www.fafsa.gov.

The information contained in the FAFSA is used to determine students’ eligibility for all need-based aid. The U.S. Department of Education will send students a “Student Aid Report” (SAR) which reflects the “Expected Family Contribution” (EFC). All schools listed on your FAFSA receive an electronic copy of your SAR and begin working your file. The EFC indicates students’ eligibility for financial aid.

The SAR should be reviewed carefully for errors, and corrections should be made quickly. Corrections can be made online by using your FSA ID from the U.S. Department of Education:
1. Log on to: www.fafsa.gov
2. Select Make correction to a processed FAFSA.
For a lost or misplaced FSA ID number, go to: find.faid.gov.

If requested, the Financial Aid Office will process corrections electronically but, additional documents may be needed.

Students may be required to submit verification of income, resources, or employment (Federal Work Study).

FINANCIAL AID MISSION
The mission of the UH Maui College Financial Aid Office is to promote access to higher education to support student success.

Several types of financial aid are available to eligible UHMC students: grants, part-time employment (Federal Work Study), loans, and scholarships. All financial aid programs are subject to change due to legislative action or availability of funds. Federal awards are made without regard to age, race, gender, or ethnic origin. Complete financial aid policies are available at the Financial Aid Office. For information, call 984-3277.

Eligibility
The majority of aid awarded by UH Maui College is federal and based on demonstrated financial need. Eligibility requirements are determined by federal rules and include the following requirements.

The applicant must:
• be a U.S. citizen or an eligible noncitizen (permanent resident).焕发气
• be enrolled in a degree-granting program (classified student).
• be making satisfactory academic progress toward a degree at UH Maui College.
• have not been in default on a loan or owe a refund on a federal grant.
• have demonstrated financial need.
• have obtained a high school diploma or GED.
• be registered with Selective Service, if required.

UH Maui College students will have their prior academic history at the College reviewed to determine compliance with the Financial Aid satisfactory academic progress policy. Transfer students should request that an academic counselor review their prior records to determine advanced placement. A review of the UH Maui College academic transcript and / or credits transferred from other institutions may impact the timeframe (semester of eligibility) at the College.

Students who are ineligible for financial aid funds, or are in default on an educational loan, will be unable to receive academic transcripts, register for classes in the subsequent semester, or receive further aid until the amount due is repaid in full or prescribed federal requirements have been met.

Students should be aware that the financial aid award is subject to adjustment due to legislative action, changes in eligibility, enrollment, availability of funds, or increases in students’ external resources. For information regarding eligibility requirements, call 984-3277 or email mauinfofa@hawaii.edu.

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The information contained in the FAFSA is used to determine students’ eligibility for all need-based aid. The U.S. Department of Education will send students a “Student Aid Report” (SAR) which reflects the “Expected Family Contribution” (EFC). All schools listed on your FAFSA receive an electronic copy of your SAR and begin working your file. The EFC indicates students’ eligibility for financial aid.

The SAR should be reviewed carefully for errors, and corrections should be made quickly. Corrections can be made online by using your FSA ID from the U.S. Department of Education:
1. Log on to: www.fafsa.gov
2. Select Make correction to a processed FAFSA.
For a lost or misplaced FSA ID number, go to: find.faid.gov.

If requested, the Financial Aid Office will process corrections electronically but, additional documents may be needed.

The Financial Aid Office will review the SAR and may ask for additional documentation. See Documentation Requirements. Once a file is complete, the Financial Aid Office can determine eligibility. Anyone not eligible for aid will receive a notification indicating the reason. For information, call 984-3277 or email mauinfofa@hawaii.edu.

Application Deadline
Early submission of the FAFSA is highly recommended because many scholarship programs have a March 1 deadline. The priority deadline for filing a financial aid application at UH Maui College is March 1.

FEDERAL FINANCIAL AID

1. Federal Pell Grants
Federal grant program is available to qualified, undergraduate students who demonstrate financial need and have not previously earned a Bachelor degree.

2. Federal Supplemental Educational Opportunity Grants (SEOG)
Federal grant program available to undergraduate students with exceptional financial need who attend a minimum of 6 credits. This fund is limited.

3. Federal Work Study (FWS)
The Federal Work Study Program finances student employment wages for a limited number of financial aid recipients. Recipients must be enrolled in at least 6 credits. Federal Work Study jobs are intended to give eligible students employment experience related to their educational goals and to encourage participation in community service activities. Students are limited to a maximum of 20 hours per week during the a cademic term. If Federal Work Study is unavailable, students may pursue regular student employment by contacting CareerLink at 984-3181.

4. Federal Direct Loan Program
Federal loan program is funded by the Department of Education. There are three types of loans:

• Federal Direct Subsidized Stafford Loan
Federal loan program for students who demonstrate financial need. Must be enrolled in at least 6 credits. Interest is subsidized by the U.S. Department of Education while in school. Repayment begins 6 months after a student ceases to be enrolled 6 credits.

• Federal Direct Unsubsidized Stafford Loan
Federal loan program that is not based on financial need. Must be enrolled in at least 6 credits. Interest begins to accrue from the time loan is disbursed. Interest does not have to be repaid while in school, but will be added to the principal at repayment. Repayment begins 6 months after a student ceases to be enrolled 6 credits.

4. Federal Direct Parent Loan
Federal loan program for parents. This program provides additional loan funds for students’ educational expenses. Parents of dependent students may borrow up to the calculated cost of attendance for their child, minus other student aid. The interest rates on PLUS loans are variable. Interest begins accruing upon disbursement of the funds.

2. Hawaii State Incentive Grant (HSIG)
Tuition grant program is available to needy undergraduate students attending a minimum of 6 credits. To qualify, students must be eligible for a Pell Grant and be residents of Hawaii for tuition purposes. Awards are based on availability of funds.

3. Opportunity Grants
Institutional grants available for students awarded on a first-come, first-served basis. Students who are interested are encouraged to submit their FAFSA before the priority deadline of March 1. Awards are based on availability of funds.

4. UH Maui College Scholarships
Institutional scholarships are available for certain target groups of students. Visit www.mau.hawaii.edu/scholarships/ for more information.

OTHER SOURCES OF AID

1. Private Scholarships
These scholarships are available from numerous organizations. Some scholarships are not need based.

For listings, call the Educational Opportunity Center at 984-3204, or the Financial Aid Office at 984-3277.

ENROLLMENT STATUS AND ACADEMIC PROGRESS
Financial aid is based on students’ financial needs, enrollment levels, living situations, and academic progress toward declared goals.

1. Hawaii’s B+ Scholarship
This scholarship is available to recent Hawaii’s public high school graduates. Students must have a cumulative GPA of 3.0, completed a rigorous high school curriculum, and demonstrate financial need. Official high school transcripts must be submitted to the Financial Aid Office for review.

2. Hawaii’s State Incentive Grant (HSIG)
Tuition grant program is available to needy undergraduate students attending a minimum of 6 credits. To qualify, students must be eligible for a Pell Grant and be residents of Hawaii for tuition purposes. Awards are based on availability of funds.

3. Opportunity Grants
Institutional grants available for students awarded on a first-come, first-served basis. Students who are interested are encouraged to submit their FAFSA before the priority deadline of March 1. Awards are based on availability of funds.

4. UH Maui College Scholarships
Institutional scholarships are available for certain target groups of students. Visit www.mau.hawaii.edu/scholarships/ for more information.

Documentation Requirements
In addition to submitting the FAFSA, students may also be required to submit additional documents to the Financial Aid Office for award processing. The College verifies all federal financial aid applicants chosen for verification by the Federal processor. (Students chosen for verification will be required to submit additional documentation.)

Students must adhere to deadlines required for document submission. Students who experience difficulties in completing documentation or verification requirements should contact the Financial Aid Office before the deadlines expire. Failure to provide the necessary documents can result in termination of all financial aid benefits for the year.
The Financial Aid “Package”

The financial aid “package” is based on student needs, enrollment levels, living situation, and the availability of aid. Financial need is determined by subtracting the Expected Family Contribution (EFC) from the cost of attendance, which includes tuition, fees, books, supplies, transportation, room, board, and miscellaneous personal expenses. The financial aid package offered may be a combination of gift-aid (grants and scholarships) and self-help (loans or part-time employment).

In most instances, students’ gift aid will not cover the full amount of need. If eligible, these students will be offered a loan to help meet educational costs. Students who take out any form of student loan must have completed a loan entrance interview. Students must also complete a loan exit interview when leaving the College or when enrollment drops below halftime.

VETERANS ASSISTANCE

The College is an approved institution for education and training under the Veterans Educational Assistance Act (GI Bill) and the Survivors’ and Dependents’ Educational Assistance Program. Information regarding authorized eligibility, entitlement, and types of training is available from the Veterans Administration Regional Office.

Application for educational benefits and information concerning veterans and eligible dependents is available at the Admissions & Records Office.

The Veterans Resource Center is dedicated to establishing a cohesive network of student veterans, dependents, reservists, and guardsmen to ensure their academic success. The Veterans Resource Center is located in Annex Building. The telephone number is 984-3242. Visit our website at www.maui.hawaii.edu/veterans/.
All high school graduates and transfer students from other colleges and universities may be admitted to the College. Persons 18 years of age or older who are not high school graduates may also be admitted. Admission to the College does not mean automatic admission to programs or courses.

All individual seeking admission must submit the following three documents:

1. UH Application for Admission form, available at: www.mauirect.hawaii.edu, then to How to Apply.
2. High School Transcript or GED certification.
3. Academic Reference forms needed from high school counselors or Local Education Agencies.

Application Deadlines
Fall Semester: August 1
Spring Semester: December 15
Summer Semester: July 1

Acceptance Notification
Applicants applying prior to deadlines are notified of their status. Applicants applying after the deadlines are asked to check with the Admissions & Records Office regarding their admission status and registration information.

Continuing & Returning Students
Continuing students who attended UHMC in the prior semester do not need to reapply. Returning UHMC students should obtain information on an abbreviated Re-Application process by calling Admissions & Records at 808-984-3267.

MYUH SERVICES & STAR GPS
MYUH Services is the online University of Hawaii’s student information system. Features include web-based services and the ability to register and pay online for classes at multiple UH campuses.

Star GPS. Newly incorporated is Star GPS, a tool that has evolved from a degree audit system to a robust registration system connected to degree requirements. Star GPS immediately displays to students the classes they need to complete unfinished requirements for their major, helping them to stay on an optimal pathway toward graduation.

MYUH Services open to the public and UH students
• Online admission/application information
• Web Registration Tutorial, to preview MYUH Services.
• Check Class Availability sites that display “real-time” information on sections, time, location, instructor, seats remaining, and added or cancelled classes.
• Academic advising resources.
• Payment options and deadlines.

MYUH Services for UH students:
• Pre-Registration Checklist to qualify for Quick Registration.
• Web registration and drop/adds.
• Online credit card payments.
• Registration Status check, including holds, academic standing, and credits completed.
• Final grade report and transcript.

All students are required to obtain a MyUH Services account and register online at: myuh.hawaii.edu.

TUITION AND FEES
Payments made by credit card, (Visa, MasterCard, Discover), eCheck, or eChecks must be made online via FeePay at MyUH Services. Payments may also be made in person at any UH campus Cashier’s Office and the Moloka’i Education Center by cash, check, cashier’s check, travelers’ check, debit card, or money order.

For Summer School fees, see the Schedule of Classes posted online. All tuition and fee charges at UH campuses are subject to change in accordance with requirements of state law and/or action by the UH Board of Regents or the University administration.

• Resident Tuition (per semester): $128.50 per credit, lower division $303 per credit, upper division
• Non-Resident Tuition (per semester): $542.50 per credit, lower division $843.00 per credit, upper division

Out-of-State Application Fee
A $25 fee must accompany the Admission application.

• Student Activity Fee
Students enrolled in Kahului campus sections are charged the student activity fee at the time of registration. $1.00 per credit for 1-7 credits. $7.50 max for 8 or more credits.

• Moloka’i Student Activity Fee
Moloka’i students taking Moloka’i Campus sections are charged a student activity fee at the time of registration. $1.00 per credit for 1–7 credits $7.50 max for 8 or more credits

• Student Technology Fee
All students are charged a technology fee to provide support for the technological resources used by students. $3.00 per credit for 1–11 credits $36.00 max for 12 or more credits

• Student Health Fee
Students enrolled in Kahului campus sections are charged a $12.00 student health fee at the time of registration. A Summer Session student health fee of $12.00 is also assessed.

• Professional Fee
Culinary majors are charged a fee at the time of registration:
$15 per credit for 1-11 credits
$180 max for 12 or more credits

• Late Registration Fee
Late fee charges are assessed from the first day of instruction. Students registering from the first day of instruction and after (including modular classes) are assessed a $30 late registration fee in spring and spring semesters.
A Summer Session late fee is $10 is assessed.

• Nursing/Allied Health Malpractice Insurance
A non-refundable $50.00 nursing malpractice fee is charged at the time of registration for students taking designated nursing courses.

• Nursing Professional Fee
A non-refundable $18.00 nursing malpractice fee is charged at the time of registration for students taking designated nursing courses.

• Student Health Fee
All students are charged a student government fee at the time of registration:
$1.00 per credit for 1-7 credits
$7.50 max for 8 or more credits

• Course Change Fee
A $5 fee is charged for each course change request form. Students are also assessed or rebated tuition for prior college credits, as applicable, according to the Refund Schedule of Tuition and Fees.

• Student Publication Fee
A $43.00 fee is charged to all students at the time of registration. The fee covers the cost to produce approximately four student newspapers per semester, as well as an annual literary journal.

• Associate Degree and Certificate of Achievement English and Hawaiian Diploma Fees
A $15 fee is payable at the time the graduation application is submitted. Deadlines are: December 8: Fall Semester March 15: Spring Semester
Applicants are issued an English and Hawaiian language Diploma. The $15 fee covers both diplomas and one diploma cover. Students may choose to purchase an additional cover for $10. Any additional diplomas ordered (Hawaiian or English) will require a $5 fee per diploma.

• Certificates of Professional Development and of Competence Fees
A $2 fee per certificate, up to a maximum of $12 for multiple certificates, is payable at the time application is submitted. A $10 fee is charged for each diploma cover.

• Transcript Fee
A $5 fee is charged for a transcript sent outside the University of Hawaii’s system. The fee is not charged for transcripts sent to another college within the UH system. Transcripts are usually processed within two weeks. A $15 rush fee is charged for transcripts requested within a two business day period. Transcript Request Forms are available at Admissions & Records; at the Hāna, Lahaina, Lāna’i, and Moloka’i Education Centers; and online at: www.mauirect.hawaii.edu/translate/.

Schedule of Tuition and Fees.
Attendance and “No-Sows”

Students are expected to attend all their classes, especially the first class session. Instructors reserve the right to drop "no shows" who have neither made prior arrangements nor been granted prior approval for their absence.

Dropped students are eligible for a tuition refund, in accordance with the Refund Schedule. Classes that are dropped during the era period are not recorded on the student’s permanent record. "No shows" who do not officially withdraw from a class may receive the grade of F in that class.

Placement Testing

Students must take the English and math placement tests, if they are any of:

• Degree-seeking (classified) student taking 8 or more credits.
• Registering for a course with a Placement prerequisite.
• Early Admit student.
• Do not qualify as an exemption.

Multiple Measure Placement

English: Students entering UH Maui College may be exempt from the English placement test if one of the following is met:

- English ACT score is 18 or higher.
- English ACT score is 21 or higher.
- English SAT score is 510 or higher.
- Smarter Balanced score is 4.

Math: Students entering UH Maui College may be exempt from the math placement test if one of the following is met:

- Math ACT score is 22 or higher.
- Math SAT score is 510 or higher.
- Math Smarter Balanced score is 4.
- Math Smarter Balanced score is 3.
- Math Smarter Balanced score is 5 or 8.

Math Placement is required for Algebra 1 and 2.

Mathematical Reasoning score on the GEAP is 115 or higher.

Cumulative GPA is 2.6 or higher, and B or higher in Algebra II.

Cumulative GPA is 2.6 or higher, and B or higher in Algebra I.

Set placement is located in the Ihl Learning Center (TLC) on a walk-in basis during open hours (call 984-3240 for hours). Bring a photo ID and UH ID number (obtain from Admissions).

Health and Accident Insurance

Students are required to have a negative Tuberculosis (TB) Test result within one year before the start of classes. There is also a Measles, Mumps, Rubella (MMR) requirement. The health clearance form may be found at the following URL: http://maui.hawaii.edu/essences/form/ UHMC-Health_Ch Childrens.pdf.

Health centers where you can do the testing is available at: http://maui.hawaii.edu/ enrollment/shortcourse. Low cost health insurance is available at UH Maui College students. All international students are encouraged to enroll in a health and accident insurance program at their arrival in the U.S. in compliance with public health regulations, new students must show evidence that they are free of active tuberculosis and measles with admission application. The College complies with all applicable requirements of other state health agencies and councils as may be required by law or by rules and regulations. Applications for University approved and sponsored health plans are available online at www.bmusa.com/portal/gid/student.

Running Start Program

Running Start is a statewide program that provides an opportunity for academically qualified juniors and seniors to enroll in college classes through the UH system as a part of their high school coursework. This unique partnership between the Department of Education and the UH system allows public high school students to attend college classes during the fall, spring, and summer while earning high school and college credits. Currently, nine UH campuses participate in Running Start: UH Hilo, UH Maui College, Hawai‘i CC, Honolulu CC, Kapiolani CC, Kauai CC, Leeward CC, Windward CC, and UH West Oahu. Interested students should check with their high school counselor regarding participation in the Running Start program.

Early Admit College Options

Early Admit students may take any UH Maui College course where the prerequisite is met. Early Admission is available upon a student’s ultimate college plan. Enrollment is on a space available basis. The Early Admit program provides educational opportunities for two categories of youth under 18 years of age.

• Academically superior or vocationally gifted Early Admits are permitted to take one or two regular college courses during the summer following completion of their sophomore year, or during their junior or senior year, provided their high school approves and is able to make appropriate schedule adjustments.

• Applicants who are officially released from high school and are under 18 years of age may be considered for early admission in courses or programs if the College determines that the student can benefit from its academic or vocational offerings. In addition to the three required general admission documents, individuals in this category must also submit a written release by the District Superintendent or designee.

International Student Applications

International applicants must comply with all regulations of the U.S. Citizenship and Immigration Service as well as with applicable policy of Board of Regents of the University of Hawai‘i and the policies of UH Maui College. For the process of clarifying requirements for admission, international students who are not U.S. citizens and who have not been admitted to live in the U.S. permanently are designated as non-immigrants. The College is authorized under federal law to enroll non-immigrant alien students. Contact Admissions & Records for rules and regulations and admission requirements.

In addition to the two general admission documents required for all students, international students must:

• Complete the International Student Supplementary Information form. Current bank statements and financial aid award letters must accompany the Supplementary Information form. See www.maui.hawaii.edu/portal/opencontent/load/iss_supple mentary.pdf

• You must have a minimum TOEFL score of 60 on the Internet Based Test (IBT) or TOEFL score of 500 on Paper Based Test (PBT) on STEP Eiken 2A.

• Enter a temporary resident status in Hawai‘i. Regulations for non-immigrant alien students. Contact Admissions & Records at 808-984-3267.

For information or interpretation, call the Admissions & Records at 808-984-3267.

Definition of Hawaii’s Residency

A student is deemed a resident of the State of Hawai‘i if he/she is a full-time student of the resident (19*) or the student (under 19*) and his/her parents or legal guardian has...

• Sufficient evidence that the student is a bona fide resident of the State of Hawai‘i.

• The intent of this requirement is to protect international students against the high cost of unanticipated health care expenses resulting from accident or illness. The average cost per year is approximately $4,000. More information is available from Admissions & Records.

International students are required to take a full course load (a minimum of 12 credits a semester toward their program).

Individuals from foreign countries who reside in the State of Hawai‘i and who wish to be accepted as students at the College (and who seek student visas) should obtain additional information from the Admissions & Records Office.

For information, call 808-984-3267. Arrangements for housing must be made prior to arrival.

Residency Regulations (continued)

Student who do not qualify as bona fide residents of the State of Hawai‘i, according to the University of Hawai‘i’s rules and regulations in effect at the time they register, must pay the nonresident tuition. An official determination of residency status will be made prior to enrollment. Applicants may be required to provide documentation to verify residency status. Once classified as nonresidents, students continue to be so classified during their term at the College until they can present clear and convincing evidence to the residency officer that proves otherwise.

Some of the more pertinent University residency regulations follow. The complete rules and regulations are available at Admissions & Records.

For information or interpretation, call the Admissions & Records at 808-984-3267.
These considerations do not exhaust all the factors that affect the determination of residency. For information contact Rules and Regulations Governing Determinations of Residency as Applied to Tuition Payments and Admissions at All Institutions Under the Jurisdiction of the Board of Regents of the University of Hawai‘i.

Board of Regents Exemptions

Once classified as nonresident status, students continue in this status at the College until submitting satisfactory evidence to Admissions & Records that proves otherwise. The maximum number of nonresident students that can be accepted by the College is limited by Board of Regents policy. Students classified as nonresidents are required to pay nonresident tuition, unless exempted by Board of Regents Exemptions.

Residency

Residency decisions may be appealed by contacting the Residency Officer/Registrar for information on how to initiate an appeal. Appeals are heard by the Committee on Resident Status only after the resident tuition is paid.

RECORDS

Several refund policies are applicable:

1. Regular Academic Semester

In the event students initiate before the fifth week of instruction a complete withdrawal from the University (or College), changes from full-time to part-time status, or changes from one tuition rate to another, if applicable, tuition and special course fees are refunded as indicated below:

- 100% refund for complete withdrawal if made on or before the last day of instruction.
- 50% refund in accordance with the schedule below, based on length of the course term and number of calendar days elapsed, including the first day of class instruction, when the withdrawal is made.

Term 1-19th day 1-18th day 1-7th day 1-5th day 1-3rd day
No refund
Refunds of student activity fee, school technology fee if complete withdrawal is made within the first week of instruction. When the withdrawal is made.

2. Special Course Fees

For Summer Session, CCECS, and other short-term courses:
- 100% refund for complete withdrawal if made on or before the last working day before the first day of instruction.
- 50% refund in accordance with the schedule below, based on length of the course term and number of calendar days elapsed, including the first day of class instruction, when the withdrawal is made.
- 25% refund of student activity fee, school technology fee if complete withdrawal is made within the first week of instruction when the withdrawal is made.

3. Student Life/Activity, BOSP, Student Health, and Student Technology Fees

- 100% refund of student activity fee, student health fee, board of student publications fee, and student technology fee if complete withdrawal is made within the first week of instruction when the withdrawal is made.
- No refund of the student activity fee, student health fee, board of student publications fee, and student technology fee if complete withdrawal is made thereafter.

Refunds for financial aid students whose withdrawal is complete or who stop attending classes will be made in accordance with federal regulations. For information, call the Financial Aid Office at 984-3277.

Policies

Employment of Graduates

Section 177-64.4 of Rules and Regulations Governing the Guaranteed Loan Program (20 U.S.C. 1071 through 1087-l) requires that participating institutions make a good faith effort to present prospective students, prior to the time they obligate themselves to pay tuition, with a complete and accurate statement about the institution, its current academic or training program, and its facilities and services, with particular emphasis on those programs in which the prospective students have expressed interest. Further, in the case of an institution having courses of study, the purpose of which is to prepare students for a particular vocational, trade, or career field, such statement shall include information regarding the employment of students enrolled in such courses, in such vocation, trade, or career field.

Accordingly, applicants are advised to secure a copy of the current catalog of prospective campuses in order to gain information describing the nature of the campus, its academic and student services programs, its facilities, and its faculty. Further, applicants are advised to contact Careerlink (USHEC Career Resource Center) to access information on employment potentials for specific academic programs.

Non-Discrimination and Affirmative Action

It is the policy of the University of Hawai‘i to comply with federal and state laws which prohibit discrimination in University programs and activities, including, but not necessarily limited to, the following laws which cover students and applicants for admission to the University:

- Titles VI and VII of the Civil Rights Act of 1964 as amended (race, color, religion, sex, pregnancy, national origin)
- Age Discrimination Act of 1975 (age)
- Title V of the Higher Education Act of 1972 (age)
- Executive Order 11246 as amended (race, color, national origin, religion, sex)
- Equal Pay Act of 1963 as amended by Title IX of the Education Amendments of 1972 (sex)
- Age Discrimination in Employment Act of 1967 (age)
- Section 402 of the Vietnam Era Veterans' Readjustment Assistance Act of 1974 (veterans)
- Sections 503 and 504 of the Rehabilitation Act of 1973 (disability)
- American’s with Disabilities Act of 1990, as amended (disability)
- Hawai‘i Revised Statutes, Chapters 76, 78, 376 (race, sex, sexual orientation, age, religion, color, ancestry, political affiliation, disability, marital status, arrest and court record, domestic or sexual violence victim status, lactation, assignment of income for child support obligation, credit history or credit report)

The UH Community Colleges strive to promote full realization of equal opportunity through a positive, continuing program including Titles IV of the Americans with Disabilities Act (ADA) P.L. 101-336. Accordingly, vocational education opportunities will be offered without regard to race, color, national origin, sex, or disability. American citizens or immigrants with limited English proficiency skills will not be denied admission to vocational education programs.

In addition, employees and applicants for employment are protected under Title IX, Title II, and Section 504.

As an integral part of its Policy on Nondiscrimination & Affirmative Action, the Office of the President, University of Hawai‘i hereby declares and reaffirms its commitment to the University’s pursuit of equal educational opportunity and further declares that any harassment of students or employees on the basis of sex is prohibited and will not be tolerated.

Complaints of this nature are addressed by Debbi Brown, phone 808-984-5601.

Individuals designated to coordinate the UH Community College nondiscrimination and affirmative action programs are:
Family Education Rights and Privacy of Students

Pursuant to Section 99.6 of rules and regulations governing the Family Educational Rights & Privacy Act (FERPA) of 1974 (hereinafter the Act), student in attendance at the University of Hawai’i Maui College are hereby notified of the following:

1. It is the policy of UH Maui College to subscribe to requirements of Section 438 of the General Education Provision Act, Title IV, of Public Law 90-247, as amended, and to the rules and regulations governing the Act, which protect the privacy rights of students.

2. The rights of students under the Act include the following, subject to conditions and limitations specified in the Act.
   a. The right to inspect and review educational records.
   b. The right to request to amend the student’s educational records.
   c. The right of protection from disclosure by UH Maui College of personally identifiable information contained in education records without permission of the students involved.
   d. The right to file complaints concerning alleged failures by UH Maui College to comply with the Act.
3. Students are advised that institutional policy and procedures required under the Act have been published as Administrative Procedure AP 7.022-Procedures Relating to Protection of the Educational Rights and Privacy of Students. Copies of AP 7.022 may be obtained from the Office of the Vice Chancellor of Student Affairs at UH Maui College.

4. Students are advised that certain personally identifiable information is considered by the College to be Directory Information and, in response to public inquiry, may be disclosed in conformance with state law, at the College’s discretion, without prior consent of the student unless the student otherwise informs the College not to disclose such information.
   a. Name of student
   b. Major field or study
   c. Educational level (freshman, sophomore, etc.)
   d. Fact of participation in officially recognized activities or sports
   e. Weight and height of members of athletic teams
   f. Dates of attendance
   g. Degrees and awards received

Students have the right to request that any or all of the above items not be designated Directory Information with respect to themselves. Should students wish to exercise this right, they must, in person and in writing, not earlier than the first day of instruction nor later than 14 calendar days from the first day of instruction for the academic term or semester, or the fourth day of a summer session, inform Admissions & Records which of the above items are not to be disclosed without the prior consent of the student.

5. Students have the right to request that any or all of the above items not be designated Directory Information with respect to themselves. Should students wish to exercise this right, they must, in person and in writing, not earlier than the first day of instruction nor later than 14 calendar days from the first day of instruction for the academic term or semester, or the fourth day of a summer session, inform Admissions & Records which of the above items are not to be disclosed without the prior consent of the student.

Emergency Situations: In case of an emergency requiring contact information, inquiries may be directed to the Office of the Vice Chancellor for Student Affairs, Maui College Admissions & Records Office (808) 984-3512 or the UH Maui College Admissions & Records Office (808) 984-3267.
Students are enrolled but do not wish to earn a degree or certificate.

Continuing Student Status
Enrollment in at least one UH Maui College class each fall and spring term is required to maintain active student status with Maui College. Students who are not enrolled or completely withdraw from Maui College and reapply for admission may be subject to the catalog requirements that are in effect at the time of readmission.

Class Standing
Class standing is a designation that defines a student’s progress toward their graduation goal based on the number of credits earned (including transfer credits). Effective Fall 2015 sophomore status is reached after the student earns 30 credits. Associate and bachelor degrees require, respectively, at least 60 and 120 credits, so an average of 15 credits per semester, or 50 credits per year, is necessary to complete the minimum number of credits required for ontime graduation. Class standing levels provide students with more accurate indicators of the progress they are making toward their degree. Note: Federal financial aid and awards for full-time status will continue to be based on 12 credits.

Admission to Classes
Before attending any class, students must have completed the registration process. Students who attend classes without completing the registration process will not be considered as officially enrolled.

Payment deadlines are posted on the College homepage for each semester and academic calendar.

Classification of Students
Full-time students are enrolled for 12 or more credits per semester.

Part-time students are registered for fewer than 12 credits per semester.

Classified students are defined as individuals who have declared a specified major.

Unclassified students are enrolled but do not wish to earn a degree or certificate.

Change of Information
Changes in student information (address and phone number) may be made online at MyUH Services. A Change of Information form is also available at Admission and Records Outreach Centers at Hāna, Lahaina, Lāna‘i, and Moloka‘i. Students may also consult with a counselor regarding a change to their major.

Change in Registration:
Add, Withdrawal, Erase Period
Students may add courses up to the final day of Late Registration in each semester. Requests to add courses after this period must be approved by the instructor of the course and an appeal. Forms for such action may be obtained at Admission & Records. See section on Tuition & Fees.

Final Exams
A final evaluation period is designated for the end of each semester. The schedule is available on the College homepage and on Future Use flaps posted on classroom doors.

GRADING SYSTEM
The system of grades and grade points are:

Option I
A - F Grading
A Excellent
4 grade points
A- Above Average
3 grade points
B Average
2 grade points
B- Minimal passing
1 grade point
F Failure
0 grade points
W Withdrawal
No grade points
I Incomplete
No grade points
L Audit
No grade points

Option II
Credit/No Credit
CR Credit
No grade points
NC No Credit
No grade points
I Incomplete
No grade points
W Withdrawal
No grade points

Students may select the grading option desired via MyUH Services at the time of registration. Most courses may be taken as either the graded Option I (A, B, C, D, F, W, I, L) or the Credit/No Credit Option II (CR, NC, I, W).

If students do not change the grading option, they will receive a letter grade for the course. If they wish to change the option to CR/NC, they must change it via the MyUH Services up to the deadline published on the homepage. Change of option to Audit must be done in person at Admission and Records. It is the responsibility of students to inform instructors of the grading option elected prior to the deadline to change grade option. Without a declaration, instructors will assume that students have elected Option I.

N (Work in Progress) grade is used only in specific developmental courses: ENG 10, 19, 21, 22, 90W, and 96, LSK 39 and 90W, MATH 75X, and 82. The N grade indicates that the student is not yet prepared to succeed at the next level. N grades do not affect the GPA and may be repeated as specified in the College Repeat Policy.

In (Incomplete) grade is given to students who were progressing satisfactorily during the semester, but failed to complete the semester because of illness or other condition beyond the students’ control. The Incomplete will become the grade the instructor has indicated depending upon the grading option (I or L) selected; e.g., an I/ID becomes a D if the work is not completed before the Incomplete Deadline of the next academic term. It is the responsibility of students to inform their instructor if they wish to request an Incomplete.

CR (Credit) grade is equal to grade C or better. Credits are awarded for CR grades, but no grade points are assigned.

L (Audit) grade is given to students who enroll in courses as auditors. Credits are not awarded under this option. Students must be declared as auditors by the instructor of the course taken to fulfill a University or College requirement. It is the responsibility of students to inform their academic advisor.

If students do not change the grading option, they will receive a letter grade for the course. If they wish to change the option to CR/NC, they must change it via the MyUH Services up to the deadline published on the homepage. Change of option to Audit must be done in person at Admission and Records. It is the responsibility of students to inform instructors of the grading option elected prior to the deadline to change grade option. Without a declaration, instructors will assume that students have elected Option I.

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CR (Credit) grade is equal to grade C or better. Credits are awarded for CR grades, but no grade points are assigned.

L (Audit) grade is given to students who enroll in courses as auditors. Credits are not awarded under this option. Students must be declared as auditors by the instructor of the course taken to fulfill a University or College requirement. It is the responsibility of students to inform their academic advisor.

Note these exceptions:
A maximum of 30 credits of CR grades may be applied toward a degree program at UH Maui College. It is strongly recommended that students take courses in their major on a letter grade basis.

Certain courses are designated as CR/NC only. These courses may be taken only on a credit/no-credit basis.

Note these cautions:
Students planning to transfer to a 4-year institution should consult that institution’s catalog regarding its policy regarding acceptance of CR grades.

The Credit/No Credit option at UH Mānoa is limited to elective courses. The CR/NC option is not allowed for any course taken to fulfill a University or College core requirement nor a Department requirement, with the exception of those courses designated Credit/No Credit only. Students planning to transfer to UH Mānoa should follow this UH Mānoa policy when taking courses at UH Maui College.

Scholarships are often contingent upon successful graded scholastic performance.

Students opting to take courses for CR/NC when the letter grade option is available are not eligible for the Deans Honor List.

No audited classes are allowed for financial aid.

ACADEMIC PROBATION POLICY
A cumulative GPA of 2.0 is required to remain on satisfactory academic progress at UH Maui College. Students who do not meet this minimum GPA at the end of any semester will receive a warning of unsatisfactory academic progress. If satisfactory progress is not made in ensuing semesters, students will be placed on academic probation and eventually suspended or dismissed from the College.

All students notified of unsatisfactory academic progress are required to meet with an academic counselor prior to registration so that an academic plan can be created.

1. Warning
Students are placed on academic warning at the end of any semester in which their cumulative GPA falls below 2.0. A warning is not noted on the permanent academic record. Students may continue to attend UH Maui College but must raise their cumulative GPA to 2.0 or higher in the semester immediately following. Failure to do so will result in academic probation.

2. Probation
If a student on warning fail to raise their cumulative GPA to a 2.0 or higher, they will be placed on academic probation. Notification of probation is made on the student’s permanent academic record. Probationary students may continue to attend UH Maui College under the following terms:

• Students will be allowed to enroll only in courses approved by an academic advisor.

• Students will meet regularly, either with that advisor to review progress.

• Students must earn a semester GPA of 2.0 or higher in each probationary semester.

• Students will remain on probation until their cumulative GPA is raised to 2.0 or higher.

• Students on probation receiving term GPA below 2.0 for two consecutive semesters will face suspension.

3. Suspension
Students will be suspended for failing to meet the terms of probation. Notification of academic suspension is made on the student’s permanent academic record. Suspended students are eligible to apply to UH Maui College after a wait period of at least two full semesters (not including summer session). Students returning after suspension will be placed on probation during the semester of re-entry. Under extenuating circumstances, a waiver of the wait period may be granted, allowing the student to enroll. The student must apply for a waiver from the Vice Chancellor of Academic Affairs prior to the official first day of instruction for the following semester. Suspension can occur only once; failure to meet the terms of probation after returning from suspension will result in dismissal.
2. Phi Theta Kappa

Phi Theta Kappa, a national honor society for two-year colleges, was chartered at the College in 1972 as the Pi Sigma chapter. Objectives are to recognize academic achievement and to promote scholarship, service, leadership, and fellowship among talented students on campus and internationally. To qualify for membership, students must have completed 12 credits at the 100-level or above and have a cumulative GPA of 3.5 or higher. For more information, email petakappa@hawaii.edu or visit mani.hawaii.edu/studentlife/phi-theta-kappa.

3. Graduation with Honors

Students who achieve a cumulative grade point average of 3.5 for credit earned at UH Maui College will receive their degrees or Certificates of Achievement with honors. Only students who earned a minimum of 27 credits at the College, of which at least 24 credits were taken for a letter grade, are eligible for graduation with honors.

GRADUATION

In order to receive a degree or certificate, students must complete the Graduation Application process. A graduation checklist outlining the requirements is available at the Counseling Center or on STAR. Preparation for graduation, including meeting all requirements, is the responsibility of the student. A commencement ceremony takes place at the end of each Spring semester. Students are required to schedule an appointment with a counselor to complete the appropriate graduation application and to make payment of degree/certificate fees at the Cashier’s Office.

Continuing students (students who break in enrollment) may meet the program requirements stated in the catalog for their year of entry into a program major, or they may choose to meet the requirements of any subsequent change in the program. However, students who stop-out must meet program requirements of the catalog in effect upon their re-entry, or may choose to meet the requirements of subsequent program revisions that occurred while they were continuously enrolled.

Academic Exception

Students wishing to request an exception to program requirements as stated in the Catalog should consult with a counselor and then contact the Vice Chancellor of Academic Affairs for specific application procedures.

COLLEGE CREDIT EQUIVALENCE

Students with knowledge and skills obtained through previous coursework or experience have several options to apply for additional credit to their College program.

1. Transfer Credits

Courses completed at other regionally-accredited colleges and universities with grade D or better may be transferable toward a UH Maui College degree. The transcript evaluation is applicable only to UH Maui College degrees and certificates. It is not necessarily applicable to other colleges to which the student may subsequently transfer.

Students are responsible to have official transcripts (from institutions outside the UH system) sent directly to the Admission & Records Office. Course descriptions and Student Learning Outcomes may be requested for clarification purposes. A Transcript Evaluation Request Form must be submitted to the Admission & Records Office. The form is available at the Admission & Records Office, the Counseling Center, and on the website http://maui.hawaii.edu/wp-content/uploads/2010/02/TRANSCRIPT-Evaluation-Request-Form.pdf.

2. Hawaiian or Second Language Back Credits

Students who placed above the 101 level in Hawaiian or foreign languages offered at the College can receive, at no cost, the following credits: 6 to 8 for first-year language courses, and 6 to 8 for second-year language courses.

Placement Exam:

See Hawaiian or foreign language course or program. Students interested in obtaining back credits must meet the prerequisites and exam requirements. Forms for credit-by-examination are available through language course instructors or the Humanities Department Office.

Prior Learning Assessment

Students with personal and professional learning obtained outside the traditional classroom setting are eligible for credit. Prior learning assessment (PLA) is available to evaluate and award credit for knowledge and skills obtained through experience or training they have had that is equivalent to the UH Maui College course. Prior learning assessment (PLA) credit may be earned in the same manner as traditional coursework for credit, or as a non-collegiate /equivalency credit.

Transfer Credits:

Students may not apply for back credits based on courses above 101 taken outside the UH system or in high school, including those courses for which AP credits have been granted by the University of Hawaii Maui College.

Number of Languages:

Back credits may be earned for only one language.

Number of Credits:

Students may earn from 5 to 16 back credits: 6 to 8 for first-year language courses, and 6 to 8 for second-year language courses.

Petition Forms:

Students interested in obtaining back credits must follow the procedures outlined in the catalog. The petition form for back credit must be approved by the appropriate instructor and department chair. Contact the appropriate instructor or chair for further information.

Students may apply for approval and credit at the College where they have studied. At least a 120 credits must have been earned at UH Maui College, and a grade C or better must be earned at UH Maui College. A grade B or better must be earned at the College where the course was taken. A grade C or better must be earned at the College where the course was taken. A grade B or better must be earned at the College where the course was taken.
b. Equivalency Examinations
CLEP. Credit may be earned for courses parallel to those offered by the College by taking College Level Examination Program (CLEP) tests. To receive credit, one must be enrolled at the College, and the course must not be necessary in the course(s) for which examined. The number of credits awarded is based upon the credit value of parallel courses at the College. Only the most recent grade is considered. Minimum test scores for receiving credit will be those published by the College Board. Credit-by-examination through CLEP in an elementary foreign language (other than English) is available if the applicant is a native speaker of that language.

For information, call 984-3530.

DSST. Credit may be earned for courses parallel to those offered by the College by taking DANTES Subject Standardized Tests (DSST). The American Council in Education Guide will be used for determining credit value and relevance to the UH Maui College programs. Only CE grade credits are considered.

AP Exams. Students who take the College Board Advanced Placement (AP) Examination may be granted college credit for equivalent courses offered at the College in accordance with the criteria established by the UH Mānoa College of Arts & Sciences. Application forms for Advanced Standing Credits are available at Admissions & Records and the Counseling Center. Because Advanced Placement policies vary with each college, those who plan to transfer elsewhere should seek information regarding applicability of such scores to the institutions to which they plan to transfer. Students are responsible for identifying requirements of the institution and program to which they plan to transfer. Students are responsible for identifying requirements of the institution and program to which they plan to transfer. Students are responsible for identifying requirements of the institution and program to which they plan to transfer.

Transfer to UH Hilo, UH Mānoa, or UH West Oahu
Before transferring to the UH Hilo, Mānoa, or West Oahu, students should plan their UH Maui College academic program according to requirements of their intended major at the receiving institution. Students who intend to transfer are encouraged to contact a counselor at UH Maui College to select a counselor for equivalency at the receiving institution before meeting with their counselor.

Articulated AA Degree
Students who have earned an articulated Associate in Arts (AA) degree from a UH Community College shall be accepted as having fulfilled the general education core requirements at all other UH campuses. While an articulated AA degree satisfies general education core requirements, students must also complete lower-division, major, college, and degree graduation requirements.

Additional campus-specific requirements, such as competency in Hawaiian or a foreign language or writing-intensive courses, may be required. With planning, most if not all of those requirements may be incorporated into the AA degree; if not, they are required in addition to the AA degree.

As requirements will differ among the UH colleges, students should be guided by the most current information and consult UH Maui College counselors for assistance.

Reverse Transfer
A reverse transfer is a process in which academic credits for coursework completed at another college are evaluated and awarded at the College in accordance with the most recent campus actions involving UH system core courses. For current information about core courses, visit: www.hawaii.edu/

SAFETY REGULATIONS
In classrooms, labs, and shops, and on field trips, the personal safety of students and instructors is extremely important. Safety lectures, demonstrations, quizzes, and other activities are a regular part of the College's instructional program.

Certain types of protective equipment are required for participation in many activities. Failure to heed directions of a duly authorized officer; and failure to heed directions given on an official sign (e.g., failure to stop at stop sign, failure to obey a traffic sign).

All owners and operators of motor vehicles parked or operated on campus shall assume the risk of, and the College and University shall not be responsible, or liable for, any loss or damage occasioned by fire, theft, or other causality to motor vehicles or any contents therein. Each such owner and operator of a motor vehicle parked or operated on campus shall indemnify and save harmless the College and University from and against all claims, demands, losses, costs, and expenses whatsoever arising out of or in connection with parking or operation of such motor vehicle.

In addition, use of skateboards and scooters is not allowed on College property.

Smoking
Smoking is prohibited on campus except in designated smoking areas, in accordance with the state 2006 Smoke Free Hawai'i's Law and University policy. Among the prohibited items are chewing tobacco, pipes, snuff, "vapor", and other e-cigarettes.

The State of Hawai'i implemented a Tobac- co Products Policy in an effort to improve the working and learning environment and protect faculty, staff, students, and visitors from secondhand smoke exposure.

Among areas where smoking is prohibited by law:

- in building courtyards, breezeways, and terraces, on exterior stairways and access ramps, outdoor dining patio, terraces, patios, and lanais;
- within 20 feet of building entrances, exits, air intake ducts, vents, and windows of buildings;
- any area that has been designated by the institution having control of the area as a non-smoking area and marked with a no-smoking sign.

For additional details about the statewide smoking policy, visit: www.hawaii.edu/smok- ingpolicy

A more restrictive policy has been implemented at UH Maui College, disallowing all smoking except in designated smoking areas.

The college smoking policy, contact the Vice Chancellor of Administrative Affairs at 984-3253.

Animals on Campus
This policy establishes regulations regarding all domestic, feral, wild, and stray animals allowed on campus. For complete details refer to www.mauicounty.gov/policies/.

Illicit Drugs and Alcohol
In conformance with existing law, Uni- versity faculty, staff, and students are not permitted to manufacture, distribute, possess, use, or dispense, or be under the influence of illegal drugs or alcohol, as prohibited by state and federal law, at University-sponsored or approved events or on University premises. University faculty, staff, and students are noted to take advantage of available diagnostic, referral, counseling, and treatment. Students, faculty, and staff members with substance abuse problems are encouraged to take advantage of available diagnostic, referral, counseling, and treatment. Students, faculty, and staff members with substance abuse problems are encouraged to take advantage of available diagnostic, referral, counseling, and treatment. Students, faculty, and staff members with substance abuse problems are encouraged to take advantage of available diagnostic, referral, counseling, and treatment. Students, faculty, and staff members with substance abuse problems are encouraged to take advantage of available diagnostic, referral, counseling, and treatment.
The UH Maui College has a Student Conduct Code which defines expected conduct for students and specifies acts subject to University sanctions. Students should familiarize themselves with the Student Conduct Code, since upon enrollment at UH Maui College, students have placed themselves under the policies and regulations of the University and its duly constituted bodies.

The disciplinary authority is exercised through the Student Conduct Committee. The Committee has developed procedures for hearing alleged misconduct.

Student Conduct Code information is available at: www.maui.hawaii.edu/services-for-students/see Student Rights and Responsibilities.

Student Academic Grievance Procedure
It is a historically established rule of higher education that an instructor has authority to conduct classes, provide for the discussion of ideas, make assignments or examinations, require attendance, and render judgments on the performance of students. This exercise of authority provides the foundation for an academic relationship between individual faculty members and individual students that is unique to colleges and universities. Certain basic expectations relevant to teaching and learning are spelled out in this procedure. If issues arise the University of Hawai‘i has provided for the establishment and equitable resolution of legitimate student academic grievances.

The procedures for a student academic grievance is found at: www.mauicounty.edu/services-for-student/
in the probationary semester will result in suspension of further benefits. To re-establish eligibility, students must complete the minimum credit load and achieve a 2.0 GPR or better in the semester of aid suspension. Failure to complete the minimum credit load, and/or to maintain a 2.0 GPR for any three semesters during course of study at the College will result in suspension of any other negative consequences.

This requirement affects all male students who are at least 18 years of age, who were born after December 31, 1959, and who are not currently on active duty with the armed forces. Members of the Reserves and National Guard are not considered on active duty and are not required to register with the Selective Service System and fail to do so shall be ineligible to receive Federal Title IV student financial aid or incur other negative consequences.

The group of affected males includes citizens and noncitizens eligible to receive Federal financial aid except permanent citizens of the Federated States of Micronesia, the Republic of Marshall Islands, or the permanent residents of the Republic of Palau.

For information, call the Financial Aid Office at 984-3277.

Financial Obligations to the University
Students who have not satisfactorily adjusted their financial obligations (such as tuition and fees, traffic violations, parking tickets, unreturned library books, library fines, other fines, locker fees, laboratory breakage fees, transcript fees, loans past due, rental payments, financial aid overawards, etc.) may be denied registration, grades, transcripts, and diplomas. A copy of the Rules and Regulations Governing Delinquent Financial Obligations Owed the University of Hawai‘i promulgated by the Board of Regents is on file at Student Services.

Pay Transparency Nondiscrimination Provision
The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor’s legal duty to furnish information. If you believe that you have experienced discrimination contact OFCCP at 1.800.397.6251 | TTY 1.877.889.5627 | www.dol.gov/ofccp.

Policy on Email Communication
The electronic communications policy adopted in December 2005 establishes the UH internet service as an official medium for communication among students, faculty, and staff. Every member of the UH system has a hawaii.edu address, and the associated username and password provide access to essential web announcements and email. You are hereby informed of the need to log regularly into UH email and web services for announcements and personal mail. Failing to do so will mean missing critical information from academic and program advisors, instructors, registration, and business office staff, classmates, student organizations, and others.

Consumer Information Disclosures
The Higher Education Act of 1965 (HEA), as amended by the Higher Education Opportunity Act of 2008 (HEOA), includes many disclosure and reporting requirements that post-secondary institutions participating in federal student aid programs make to enrolled and prospective students, parents, employees, and the public. In compliance with federal law, a brief description of the information that must be disclosed, where to find the information online, and contact information for the responsible department is provided at maui.hawaii.edu/consumerinfo. If you have questions or would like to request a printed copy of any materials, please contact call or email the appropriate office or contact the Vice Chancellor of Student Affairs Debra Nakama at (808) 984-3515 or debraa@hawaii.edu.
The Library

The UHMC Library is a student-oriented place dedicated to assisting you succeed in your coursework. Features include in-person and online reference assistance for your research projects, designated group and silent study spaces, and thousands of print and electronic books, articles, music, and films to help with your research and stimulate your intellectual curiosity.

Access to library materials and research help is available at the physical library or online at www.mani.hawaii.edu/library/

Computing Services

The UH Maui College Computing Services manages and provides support for all UHMC campus and outreach computers, software, network, telephones, and related technology devices.

Faculty, staff and students in need of assistance can contact the UHMC IT Help Desk by submitting a ticket via maui.hawaii.edu/helpdesk or by simply emailing uhmcit@hawaii.edu with a description of your issue.

The help desk can also be reached via phone at 808-984-3283 or by visiting the help desk center located on the second floor of the Ka‘ike‘i building in room 203.

Bookstore

The Bookstore provides students with the textbooks, workbooks, and a variety of required supplies integral to their academic growth and achievement. Students currently enrolled at the college have full access to all items that the Bookstore has to offer. Other items that are readily available for purchase include: art supplies, clay, computer software/accessories, UH/UH Maui College apparel and gifts, snacks, and beverages. Faculty and staff have access to all of the items excluding the textbooks, and the public is limited to items excluding the snacks, and beverages. We support UH education. All purchases made through the Bookstore are tax exempt.

The Bookstore is open Monday through Friday, 8:30 am – 4:00 pm, excluding holidays.

For more information, call 984-3284 or visit the UHMC Bookstore website at: www.bookstore.hawaii.edu/maui/

The Learning Center

The Learning Center (TLC) helps students become successful, independent learners by providing tutorial assistance, face-to-face and online writing assistance, study skills instruction, placement testing, make-up exam services, distance learning testing, and computer laboratories with email and Internet access.

Tutorial support includes professional and peer assistance in reading, writing, math, study skills, foreign languages, and other subject areas upon tutor availability. Campuswide workshops on study skills, reading, and writing skills are offered.

Testing services include English and mathematics placement testing, course make-up testing, and distance learning testing. Testing assistance is also provided for students in need of special accommodations.

Textbooks, books, and educational software are available to students for independent study in TLC. Computer-assisted instructional software includes reading, writing, mathematics, and study skills.

Professional staff, student assistants, and peer tutors are available in TLC to assist students. Students may receive assistance on an appointment or walk-in basis.

For more info, call 984-3240 or visit TLC website at: www.mani.hawaii.edu/tlc/

Food Court

The UH Maui College Culinary Arts program offers the Pa‘ina Food Court that showcases cuisine prepared by chefs-in-training. Students and the public are invited to enjoy freshly prepared pastries, hot lunches, snacks,ushi, breakfast, beverages, and specialty coffees.

Six quick-serve outlets offer a broad selection of local and international foods. With its 175-seat capacity and a stage for cooking demonstrations and musical entertainment, the Pa‘ina Food Court is a primary gathering place on the Kahului campus.

The Pa‘ina Food Court quick-serve outlets are:
- Raw Fish Camp – delicious sushi and poke made Maui favorites.
- Panide Grille – distinctive pizzas, sandwiches, burgers, and fries.
- World Plate – foods with an international flavor, including Chinese stir fry, Italian pastas, and Hawaiian favorites.
- Ramen – traditional and contemporary ramens.
- Campus Cafe – grill service for breakfast and lunch.
- Sugar Caked Cafe & Bakery – provides drinks, fresh baked pastries, and grab & go breakfast menu items.

The Leis Family Class Act Restaurant offers a memorable dining experience where students practice skills they will use in the hospitality industry. At the center of this living classroom is an exhibition kitchen, where patrons can watch up-and-coming chefs prepare their dishes. Appetizers, salads, soups, entrees and desserts highlight Maui’s freshest locally-grown produce. Tucked into the corner of the restaurant is a beautifully appointed 18-seat private dining room available for reservations and private parties.

The Pa‘ina facility operates daily as scheduled below when lab classes are in session.
- Pa‘ina Facility
  - Monday - Thursday: 7:30 am - 2:00 pm
  - Friday: 7:30 am - 1:00 pm

Tours and Shadowing Program

Monday - Thursday: 7:30 am - 2:00 pm
Friday: 7:30 am - 1:00 pm

Visitors must sign in at the Parent Information Center for all tours and shadowing. Call 984-3280 for a reservation.

Catering Services

Call Douglas Paul at 984-3684

Bakery Orders
Call 984-3683

Tours and Shadowing Program
Call 984-3683

http://www.maui.hawaii.edu/

The UH Maui College Campus Services Campus Services

Catering Services

Call Douglas Paul at 984-3684

Bakery Orders
Call 984-3683

Tours and Shadowing Program
Call 984-3683

http://www.maui.hawaii.edu/
Campus Health Center
The Campus Health Center provides affordable and accessible health care to UH Maui College students, faculty, and staff. The center accepts HMSA, HMAA, HMA, and UHA insurance, but is unable to accept Kaiser and Quest plans.

The center offers confidential low cost or free care for reproductive health, including pap tests, birth control options including IUDs and implants, pregnancy testing, prevention and treatment for sexually transmitted diseases, and emergency contraception. In addition, diagnosis and treatment for minor illnesses or injuries such as influenza, sore throat, UTI and lacerations are offered. The center does health screening and TB testing as well as a wide variety of adult vaccinations that are discounted for students, faculty, and staff.

The center is open 9-1 pm on Mondays and Fridays, and 9-4 pm on Tuesdays, Wednesdays, and Thursdays, except on federal, state, and school holidays.

To book an appointment or for more information, call 984-3493.

Media Center
The Media Center provides a variety of multimedia services for instruction. Audiovisual assistance, desktop workstations (PC and Mac), printing, photocopying services, and graphic arts are some of the services provided to faculty and staff.

The center is also home to MCTV Digital Cable 354 and the HITS Distance Education network that provides “live” two-way audio/video connectivity to Moloka’i, Lāna’i, Hāna, and Lahaina education centers as well as other campuses within the UH system.

For more information, call 984-3283 or email uhmchelp@hawaii.edu.

UH Maui College-MEO Head Start
UH Maui College and Head Start of the Maui Economic Opportunity are partners in the UH Maui College-MEO Head Start, a preschool for 3-5 year olds on the west end of the Kahului campus. First priority for this free program for eligible families is to children of UH Maui College students. Hours are 7:30 am - 3:00 pm, Monday through Friday. Children must attend daily. A breakfast and lunch, plus an afternoon snack, are provided.

Interested families may apply at the MEO Head Start office in February for the next school year by specifying the UH Maui College center, as there are several centers in the central area.

To apply, families must take the child’s state birth certificate and proof of the previous year’s income (4-6 current pay stubs or TANF financial printout and previous years’ W-2 or income tax returns.)

Call the MEO Head Start office at 249-2988.
Courses of Instruction
Courses of instruction are listed alphabetically by subject (course alpha).

Course Credit
One credit is assigned to a course for one or more hours per week of class time during a typical 15-week semester. This time may be assigned to lecture, lecture-lab, or lab instruction.

The credit value of each course is indicated by a number at the end of each course description. For example, "3" indicates the course carries three credits; "3,3" indicates the course carries three units of credit.

Following the credits is the number(s) indicating the contact hours per semester of lecture (lec), lecture-lab (lec-lab), and/or laboratory (lab). For example, "4/hr lec" means the course meets in a lecture format for 45 hours per semester (plus the two-hour exam/evaluation). The instructor workload follows with the specified teaching equivalent (TE).

Methods of Instruction
The College delivers classes in a variety of modes beyond the traditional classroom setting. The alternative delivery is conveyed by the "classroom listed for that class, as viewed online at Class Availability.

Internet classes are those where course materials and assignments are conducted over the Internet, denoted with WWW.

Hawai‘i Interactive Television System (HITS) enables live interaction among classrooms in Hāna, Kahului, Lahaina, Lāna‘i, Moloka‘i, and throughout the state via closed-circuit television.

Cable classes are broadcast over the College channel to Spectrum digital cable subscribers.

Prerequisite Terminology
Prerequisite (Pre): Course that must be satisfactorily completed or competency that must be met before the student can enroll in the desired course.

Corequisite (Coreq): Course that the student must take concurrently with the designated course.

Recommended: Prior course or competency that should help the student succeed in the specified course or program.

Consent: Term used at the end of a stated prerequisite, meaning a student not meeting the requirement may gain entry to the class through Consent of Instructor. The student may petition the instructor via email or office visit, explaining reasons for requesting dispensation; if the justification is found acceptable, the instructor may give an electronic override, thereby enabling the student to register for the class online.

Electronic Prerequisite Checking
The Star GPS registration system within MyUH Services checks a student's electronic UHMC transcript to assess whether the prerequisite course, grade, or score is met. When the prerequisite is not met, Star GPS does not allow the student to register for that class.

There is one exemption, called "prerequisite in progress." When students register before the end of a term, GPS will allow students to enroll in a following-term course for which they do not have the prerequisite, if currently enrolled in the prerequisite that is a "prerequisite in progress." However, once grades are assigned, a report is issued showing the course's students who did not subsequently earn the required passing grade. These students with the unmet prerequisite may subsequently be dropped from the course.

A second exclusion is "Consent of Instructor." Students may petition an override to the prerequisite by demonstrating evidence to support achievement of the requirement through other means. Overrides for due course may be granted by the course instructor, program coordinator, or counselor.

Courses completed at a non-UH campus or at the university of Hawai‘i system are not automatically entered into the student’s UHMC electronic transcript, and thereby unavailable to Star GPS during prerequisite checking. All non-UH system courses must be transferred, articulated, and input into Star GPS before electronic checks take place.


Numbering System
Course numbers portray the level of difficulty and the transferability of courses.

Pre-Transfer Level Courses
Courses generally not transferable to four-year colleges but transferable within the UHCC System ................................. 10-99

Lower Division Transfer Courses
Freshmen normally take these transfer-level courses ........ 100-199

Sophomores normally take these transfer-level courses, which are also open to qualified freshmen ........... 200-299

Upper Division Transfer Courses
Junior level ............................................. 300-399

Senior level ........................................... 400-499

Laulima
Laulima is the online, virtual classroom used by classes offered throughout the University of Hawai‘i system. Laulima means cooperation, in joint action and many hands. Many instructors use Laulima to support their face-to-face as well as online classes. Via Laulima students are able to access and download handouts, take exams and quizzes, communicate with instructors and classmates, participate in discussions, turn in assignments, maintain a personal calendar, send documents to access from any computer, see their personal Graduation Plan, and much more.

Access Laulima at laulima.hawaii.edu.

Writing Intensive Courses
WI (writing intensive) courses use writing to promote the learning of course subject material.

WI courses provide interaction between instructor and student while the student plans and completes assigned writing. This interaction can occur in a variety of ways:

• Guided and free writing;

• Directed peer-writing groups;

• Class discussions concerning the rhetorical/mechanical requirements of writing assignments before, during, and after papers are submitted;

• Written comments of instructor and/or Learning Lab staff on student outlines and drafts;

• One-on-one student/instructor conferences before, during, and after papers are submitted;

• Tutorial support for both instructor and student from Learning Lab professional staff.

Writing plays a major role in determining the grade for WI courses.

Students complete the equivalent of sixteen (16) typed pages of writing - a minimum of four thousand (4,000) words, of which roughly 40% (6-7 pages, or 1600 words) should be edited and finished prose. Depending on the course, this may include informal, as well as formal writing, short essays, critical reviews, lab reports, etc.

The College offers a series of writing intensive courses in which students engage in formal and informal writing assignments. Students strengthen writing skills as well as learn course content and understand how to apply what they learn through writing. Students also satisfy degree requirements at the College (no required for the AA degree), and at UH Mānoa (a minimum of five writing-intensive courses required)

The WI courses are designated with WI prefixing the course title (e.g., HIST 284 WI-Hawaiian History)

AA Degree Requirement Codes
These codes are used by UHMC and by most UH colleges, to facilitate the articulation and the transfer of courses within the UH system.

For example, a DA-coded course at UHMC not only satisfies the DA requirement at UHMC, but also satisfies the DA requirements at other UH campuses.

Courses of Instruction Course Descriptions
University of Hawai‘i

Quantitative Reasoning (FQ) Requirement: 3 credits

Important! Quantitative Reasoning (FQ) replaces Symbolic Reasoning (SR) as a General Education requirement for the three UHMC Liberal Arts programs, effective Fall 2018. To ensure there is adequate time for students who entered the UH System prior to Fall 2018 to complete their FS requirements, FS courses will be offered through Summer 2020 at UHMC and at the other UH community colleges. Students entering the UH System in Fall 2018 and beyond may select courses with the FQ designation. Students who entered the UH System prior to Fall 2018 and have been continuously enrolled should refer to their original catalog year requirements. Students should contact their designated School/College academic or faculty advisor for more information.

The primary goal of FQ courses is to develop mathematical reasoning skills at the college level. Students apply mathematical concepts to the interpretation and analysis of quantifiable information in order to solve a wide range of problems arising in pure and applied research in specific disciplines, professional settings, and/or daily life.

The WI classes are designated with WI prefixing the course title.
202 Introduction to Managerial Accounting
Prepar: ACC 124 and ACC 201, or consent.
Introduces and methods for evaluating financial performance, including cost accounting, budgeting, break-even analysis, ratio analysis, and interpretation of income statements and balance sheets. (Letter and Audit grades only.) 3 cr; 45 hr lec, TE 3.00

134 Individual Income Tax Preparation
Prepar: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Introduces the preparation of federal and State of Hawai‘i individual income tax returns with an emphasis on tax laws and regulations and their application to the tax returns. This course is intended for an individual preparing basic tax returns under the supervision of an accounting professional. 3 cr; 45 hr lec, TE 3.00

137 Business Income Tax Preparation
Prepar: ACC 134 with grade C or better, or consent.
Introduces Federal and Hawai‘i’s tax laws and regulations and basic return preparation for business entities. This course is intended for an individual preparing basic tax returns under the supervision of an accounting professional. The student will learn to conduct basic tax research using online databases and resources. The student will also learn to prepare tax returns both manually and using commercial tax software. 3 cr; 45 hr lec, TE 3.00

201 Introduction to Financial Accounting
Prepar: ACC 124 with grade C or better or both ENG 22 with grade C or better (or placement at ENG 100) and MATH 75X with grade C or better (or placement at least MATH 82), or consent.
Introduces accounting principles and practices used to record and communicate financial information. Analyses methods for valuating assets, liabilities, and equity of an organization. (Letter and Audit grades only.) 3 cr; 45 hr lec, TE 3.00

252 Using QuickBooks® in Accounting
Prepar: or enroll ACC 125/214, BUSN 150 or ICS 101, both with C or better, or consent.
Provides “hands-on” approach to computerized accounting using QuickBooks®. Applies previously acquired accounting skills and knowledge in a computerized environment set to update and maintain accounting records. Emphasis will be placed on the application of QuickBooks® to the accounting cycle. 3 cr; 45 hr lec, TE 3.00

150 The Correctional Process
Introduces the field of corrections. Includes the history and philosophy of punishment and methods used to protect society and rehabilitate the offender. 3 cr; 45 hr lec, TE 3.00

210 Juvenile Justice
Prepar: AJ 101, and ENG 22 with grade C or better or placement at ENG 100, or consent.
Explores judicial and corrections procedures from time of arrest until final disposition of the case. Studies federal and state law and constitutional principles as influenced by legal research. 3 cr; 45 hr lec, TE 3.00

231 Criminal Law
Prepar: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Studies history and philosophy of criminal law. Examines United States Constitution, especially the Bill of Rights. Considers nature of law, legal institutions, criminal court procedures, offenses against persons and property. Includes case briefs. 3 cr; 45 hr lec, TE 3.00

240 Hawaiian Cultural & Natural Resources Management
Prepar: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Provides a background for onsite management of Native Hawaiian cultural and natural resources. Relates traditional Native Hawaiian resource conservation practices to current governmental policies, rules, and regulations. Introduces duties and responsibilities of conservation and resource enforcement officers. 3 cr; 45 hr lec, TE 3.00
162 Introduction to Beekeeping
Recommended: AG 174.
Introduces the biology and behavior of honeybees and best management practices for hive management. Develops hands-on skills for hive inspection, maintenance, and management techniques to control honeybee diseases and pests. Investigates alternative pollinators.
1cr; 15hr lec, 30hr lec-lab, TE 2.50

163 Advanced Beekeeping
AG 162 with grade B or better, or consent.
Provides the student with additional hands on training in all aspects of beekeeping. Honeybee hive inspection, maintenance, and best management practices carried out under limited supervision of instructor. Examines honeybee diseases and pests and the management techniques for these problems. Primary topics include and not limited to: Swarm Trapping, Swarms Management, Hive Splits, Queen Rearing and Value Added Products.
2cr; 15hr lec, 30hr lec-lab, TE 2.50

174 Insects & Their Control
Recommended: Placement at least ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent.
Introduces basic morphology and classification of insects. Studies destructive and beneficial insects. Covers principles of cultural, mechanical, legislative, biological, and chemical control. Investigates sustainability of control methods. 3cr; 30hr lec, 30hr lec-lab, TE 3.33

200 Principles of Horticulture
Recommended: Placement at least ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent.
Introduces plant botany and physiology. Discusses plant nutrients, moisture, and environmental requirements and plant propagation. Studies culture and production techniques for selected ornamental crops.
5cr; 45hr lec, TE 3.00 (DB)

200L Principles of Horticulture Lab
Recommended: Placement at least ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent.
Lab to accompany AG 200.
1cr; 45hr lab, TE 2.50

251 Sustainable Crop Production
Recommended: Placement at least ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent.
Introduces production methods for selected crops including propagation planting, fertilization, irrigation, pest control, harvesting, and marketing. Evaluates conventional and alternative methods of production and analyzes effects of these practices. Examines economic and social impacts. Field trips to production areas.
4cr; 30hr lec, 90hr lab, TE 6.67
Anthropology (ANTH)

M. Kirkendall

150 Human Adaptation
Studies human evolution. Examines prehistoric and recent developments of culture, and common features and principles of variations in cultural behavior. 3cr; 45hr lec, TE 3.00 (DS)

165 Heritage Sites in Archaeology
Prereg: ENG 100 with grade C or better, or placement at ENG 100, or consent. Introduces the concepts and practices of archaeology, historical research, historic site preservation, and heritage management. Combines lecture, laboratory, and fieldwork. 3cr; 45hr lec, TE 3.00 (HI, HS)

200 Cultural Anthropology
Prereg: ENG 22 with grade C or better, or placement at ENG 100, or consent. Studies the concept of culture and basic tools for analyzing cultural behavior. Topics include patternting and integrating, dynamics of culture, culture and the individual, cultural change, and anthropology of the future. 3cr; 45hr lec, TE 3.00 (DS)

210 Archaeology
Recommended: ANTH 150, 200, or 215. Introduces prehistoric archaeology. Surveys cultural growth in prehistoric times. Explains methods and techniques of excavation and laboratory analysis. 3cr; 45hr lec, TE 3.00 (DS)

210L Archaeology Laboratory
Prereg: ANTH 210 with grade C or better (or concurrent), or consent. Methods and techniques of archaeological excavation. Uses laboratory techniques to analyze data. 1cr; 45hr lab, TE 2.50 (DY)

215 Biological Anthropology
Prereg: ENG 22 with grade C or better, or placement at ENG 100, or consent. Introduces students to the study of human biological make-up, origins of that make-up, and the pre-history of human biological and cultural development. 3cr; 45hr lec, TE 3.00 (DS)

225 Medical Anthropology
Prereg: ENG 22 with grade C or better, or placement at ENG 100, or consent. Recommended: ANTH 200 or 215 (or concurrent). Surveys human health and disease, and how they relate to cultural practices, belief systems, and environmental factors. Seeks to bridge the health sciences and anthropology by focusing on how social and environmental factors affect health. Explores alternative ways of understanding and treating disease. Includes ethn-medicine, the traditional healing and health practices of a selection of cultures, paleopathology, epidemiology, and human adaptation. 3cr; 45hr lec, TE 3.00 (DS)

235 Peoples of the Pacific
Prereg: ENG 22 with grade C or better, or placement at ENG 100, or consent. Recommended: HIST 32 or ANTH 200. Surveys the cultural areas of the Pacific from pre-contact to present day. Covers prehistoric migration patterns, historical movements, and present day distributions, including western colonization and current problems. (Crosslisted as HIST 288.) 3cr; 45hr lec, TE 3.00 (DB)

281 Archaeological Field Techniques
Prereg: ANTH 210 with grade C or better (or concurrent), or consent. Applies archaeological techniques including survey, excavation, mapping, and photography. Taught entirely in the field at an archaeological site. 4cr; 120hr lec-lab, TE 6.67 (DS)

362 Aquaculture and Mariculture Lab
Prereg: BIOL 171, CHEM 151 or 161 (or concurrent), ZOOL 200, all with grade C or better, or consent. Coreq: ANQA 362L. Laboratory to accompany AQUA 362. 3cr; 45hr lec, TE 2.50 (DY)

466 Fisheries Science
Prereg: OCN 201, 201L, ZOOL 200, and ZOOL 200L, all with grade C or better, or consent. Coreq: AQUA 466L. Recommended: MATH 115 and AQUA 362L. Examines general characteristics of fisheries, harvesting methods, principles and techniques to derive data and analyze fish populations. 3cr; 50hr lec, TE 2.00 (DB)

466L Fisheries Science Laboratory
Prereg: OCN 201, 201L, ZOOL 200, and ZOOL 200L, all with grade C or better, or consent. Coreq: AQUA 466L. Recommended: MATH 115 and AQUA 362L. Laboratory to accompany AQUA 466. 1cr; 45hr lec, TE 2.50 (DY)

513 Intro to Drawing
Emphasizes two-dimensional visualization and rendering of forms, spaces, and ideas through a variety of approaches and media. Meets the UH Mānoa Arts & Science core requirement. 5cr; 90hr lec-lab, TE 4.29 (DA)

515 Intro to 2D Design
Recommended: ART 101. Introduces the theory and practice of composing and arranging two-dimensional forms in black, white, and color through manipulation of the basic elements and their interrelationships. Meets the UH Mānoa Arts & Science core requirements. 3cr; 45hr lec, TE 3.00 (DA)

516 Intro to Ceramics
Studies ceramic form. Emphasizes hand building, glazing techniques, and surface treatment. Involves lectures and projects. Meets the UH Mānoa Arts & Science core requirement. 5cr; 90hr lec-lab, TE 4.29 (DA)

525 Intro to Computers
Prereg or coreq: ICS 101 or BUSN 150, or consent. Introduces computer graphics tools and concepts in digital image editing, illustration graphics, print and web design, and 2D and 3D animation. (Crosslisted as ICS 165L.) 3cr; 45hr lec, TE 3.00 (DA)

528 Design for Print and Web
Prereg: ICS 101 or BUSN 150, or consent. Introduces development principles related to graphic design terminology, tools and media, and layout and design concepts. Topics include integration of type, images, and other design elements, developing computer skills in industry standard computer programs, and study of design development pertaining to color theories, publications, and advertising. Projects emphasize relating form to content through selection, creation and integration of typographic, digital imaging, illustration and design elements in print and web environments. (Crosslisted as ICS 261.) 3cr; 45hr lec, TE 3.00 (DA)

529 Intro to Computer Graphics
Prereg or coreq: ICS 101 or BUSN 150, or consent. Introduces computer graphics tools and concepts in digital image editing, illustration graphics, print and web design, and 2D and 3D animation. (Crosslisted as ICS 165L.) 3cr; 45hr lec, TE 3.00 (DA)

535 Introduction to Digital Photography
Prereg: Access to digital camera (manual settings preferable). Introduces the fundamental, technical, and aesthetic practices of digital photography. Students will learn camera operation, computer editing techniques, basic lighting concepts, composition and print production. 3cr; 90hr lec-lab, TE 4.29 (DA)

538 Intro to Acrylic Painting
Prereg or coreq: ICS 101 or BUSN 150, or consent. Introduces the basic tools and features of digital imaging, photo retouching, and color correction of images. Focuses on the fundamental drawing techniques of illustration graphics including pen tool paths, objects, and type. (Crosslisted as ICS 265.) 3cr; 45hr lec, TE 3.00 (DA)

539 Design for Print and Web
Prereg: ICS 101 or BUSN 150, or consent. Introduces development principles related to graphic design terminology, tools and media, and layout and design concepts. Topics include integration of type, images, and other design elements, developing computer skills in industry standard computer programs, and study of design development pertaining to color theories, publications, and advertising. Projects emphasize relating form to content through selection, creation and integration of typographic, digital imaging, illustration and design elements in print and web environments. (Crosslisted as ICS 264.) 3cr; 45hr lec, TE 3.00 (DA)

543 Intermediate Ceramics: Hand Building
Prereg: ART 105, or consent. Develops and sculputural concepts using hand-building techniques. Introduces the elements of art through the making of ceramic form. Progresses beyond basic hand building techniques to advanced skills: various forming and embelisshing techniques, work with plaster and molds, colored clay, glaze and sand, and the firing of kilns. Students work towards development of individual creative expression. 5cr; 90hr lec-lab, TE 4.29 (DA)

544 Intermediate Ceramics: Wheel Throwing
Prereg: ART 105, or consent. Develops and sculputural concepts using wheel throwing techniques. Introduces the elements of art through the making of ceramic form. Progresses beyond basic throwing techniques to intermedi ate throwing skills, various forming and embelisshing techniques both on the wheel and subsequent to throwing, colored slip, wood, hand built, and the firing of kilns. Students work towards development of individual creative expression. 5cr; 90hr lec-lab, TE 4.29 (DA)

545 Advanced Ceramics: Sculpture
Prereg: ART 243 or ART 244, either with grade C or better, or consent. Explores sculptural concepts and techni ques specifically related to the medium of clay: advanced hand-building, throwing, glazing, and firing techniques. 3cr; 90hr lec-lab, TE 4.29 (DA)
264 Advanced Ceramics: Vessels
Prereq: ART 243 or ART 244, either with grade C or better, or consent. Explores the ceramic vessel as function, metaphor, and expression. Advanced hand-building, throwing, glazing, and firing techniques. 3cr; 90hr lec-lab, TE 4.29 (DA)

270 History of Western Art
Surveys Western Art from prehistoric to modern times. Emphasizes the historical aspects of art including an overview of each historical period. 3cr; 45hr lec, TE 3.00 (DH)

Astronomy (ASTR)
H. Shih

110 Survey of Astronomy
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Recommended: High school science. Introduces the history and methods of astronomy, with descriptive treatments of planets, the solar system, stars, galaxies, and cosmology. Discusses the concepts of size, distance, and time in the observable universe. 3cr; 45hr lec, TE 3.80 (DP)

110L Introduction to Astronomy Laboratory
Prereq: ASTR 110 with grade C or better (or concurrent); and MATH 82 with grade C or better or placement at least MATH 100. Recommended: ICS 101 or equivalent. Introduces instrumentation and methods used in astronomical observations and research. Demonstrates astronomical principles through laboratory observations and analysis of astronomical data, and provides experience using instrumentation and software for observations, data collection and analysis, and image processing. 1cr; 45hr lec, TE 2.50 (DV)

T. Hussey

20E Basic Auto Body
Introduces basic auto body skills and procedures. Covers the proper and safe handling of hand and power tools and materials used in the auto body industry. 2cr; 60hr lec-lab, TE 2.50

20F Basic Metal Work
Prereq: ABRP 20E, or consent. Presents sheet metal repair using the oxy-acetylene torch, MIG (GMAW) welding, and the resistance panel spot welder. Covers the use, maintenance, and safety of the specialized hand and power tools of this repair process. 2cr; 60hr lec-lab, TE 2.50

20G Auto Sheet Metal
Prereq: ABRP 20E, or consent. Introduces the principles and basic skills required for automotive sheet metal panel repair. Introduces picking and filing, shrinking of damaged sheet metal, and corrosion repair. 2cr; 60hr lec-lab, TE 2.50

20H Body & Fender
Prereq: ABRP 20G, or consent. Explains the principles of auto body repair skills in roughing, dinging, fender and panel repair, and the finishing procedures to complete the body and fender repair process. 2cr; 60hr lec-lab, TE 2.50

20I Auto Body Repair Practicum
Prereq: ABRP 20G, or consent. Applies exercises in repair methods and procedures discussed in ABRP 22FEGH on live jobs. 2cr; 60hr lec-lab, TE 2.50

20J Auto Refinishing
Prereq: ABRP 20G, or consent. Presents the principles of auto body repair skills in roughing, dinging, fender and panel repair, and the finishing procedures to complete the body and fender repair process. 2cr; 60hr lec-lab, TE 2.50

20K Complete Refinishing Techniques
Prereq: ABRP 22F, or consent. Introduces trouble shooting of automotive refinishing, and electrical systems during vehicle repair. 2cr; 60hr lec-lab, TE 2.50

20L Plastic Panel Repair
Prereq: ABRP 22G, or consent. Introduces the repair and replacement of damaged plastic and fiberglass panels and components. 2cr; 60hr lec-lab, TE 2.50

21E Mechanical Systems
Prereq: ABRP 41F, or consent. Introduces problem solving in automotive cooling system, air conditioning, and electrical systems during vehicle repair. 2cr; 60hr lec-lab, TE 2.50

21F Plastic Panel Repair
Prereq: ABRP 41G, or consent. Introduces the repair of damaged plastic and fiberglass panels and components. 2cr; 60hr lec-lab, TE 2.50

41C Management & Estimating
Prereq: ABRP 41D, or consent. Introduces the student to the fundamentals of writing and understanding repair estimates and repair orders. Discusses management, business procedures, and industrial relations. 2cr; 60hr lec-lab, TE 2.50

41D Advanced Touch-Up Refinishing
Prereq: ABRP 41C, or consent. Applies specialized techniques in major collision damage repair on live jobs. 2cr; 60hr lec-lab, TE 2.50

41E Advanced Complete Refinishing
Prereq: ABRP 41C, or consent. Applies advanced techniques in complete automotive refinishing on live jobs. 2cr; 60hr lec-lab, TE 2.50

41F Automotive Technology (AMT)
T. Hussey, L. Martinson

20 Introduction to Auto Mechanics
Prereq: Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Students principles of operation, diagnosis, service, and repair of electrical/electronic systems. Covers electrical/electrical lightening and climate control systems, including motor driven accessories, supplemental restraints, cruise control, entertainment, and module communications. Explores use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

41C Electronic/Electronics II
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Explores principles of operation, diagnosis, service, and repair of the ignition and computing systems. Explores the use of automotive tools and equipment. 4cr; 120hr lec-lab, TE 5.00

40B Fuel and Emission Systems
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Explores principles of operation, diagnosis, service, and repair of fuel systems and emission systems. Examines combustion, fuel injection, supercharging, turbocharging, fuel pumps, electronic control systems, and emission controls. Explores use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

40C Electrical/Electronics I
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Students must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Explores principles of operation, diagnosis, service, and repair of the electrical and electronic systems. Covers the electro-magnetic theory, circuits and schematics, batteries, starting and charging systems. Explores use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

40G Ignition Systems
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Students must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Explores principles of operation, diagnosis, service, and repair of the ignition and computing systems. Explores the use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00
50 Automatic Transmissions
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Examines principles of operation, diagnosis, and repair of automatic transmissions and transaxles. Explains use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

53 Brake System
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Examines principles of operation, diagnosis, service, and repair of drum, disc, and power brake systems. Explains use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

55 Suspension-Steering
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Recommended: At least 10th grade reading skill, or consent. Examines principles of operation, diagnosis, service, and repair of drum, disc, and power brake systems. Explains use of automotive tools and testing equipment. 4cr; 120hr lec-lab, TE 5.00

60 Diagnostic and Repair
Prereq: AMT 29, 30, 40B, 40C, 40G (or concurrent), 41C, 43, 46, 50, 53, and 55, or consent. Student must maintain a valid Driver’s license throughout duration of the automotive course of studies. Applies diagnostic skills and techniques in advanced automotive mechanics technology with emphasis on realism in lab and shop operations. Includes students being prepared to take the ASE certification exam in the following areas: suspension and steering, electrical/electronics, engine performance, automatic transmission/transaxle, manual drive train and axles, brakes, heating and air conditioning, and engine repair. 3cr; 240hr lec, TE 10.00

80 Small Engine Repair
Prereq: ENG 19 with grade C or better, or placement at least ENG 100, or consent. Provides and overview of the ASE small engine certification exam. Includes small engines found on single cylinder lawn mowers, power plants, garden tillers, and chain saws. 2cr; 50hr lec, TE 2.00

102 General Botany
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Studies growth, function, and evolution of plants. Analyzes human interactions with plants and plant interactions with their environment. (Crosslisted as BOT 101.) 3cr; 45hr lec, TE 3.00 (DB)

124 Environment and Ecology Lab
Prereq: ENG 124 with grade C or better (or concurrent), or consent. Laboratory to accompany BIOL 124. 1cr; 45hr lab, TE 2.50 (DY)

151 Introduction to Genetics
Prereq: ENG 100, or consent. Recommended: BIOL 100 or 101. Introduces basic concepts in genetics and explores how they are used in research. Investigates human gene structure and function, including the genetic basis of development, causes of birth defects, mental retardation, genetic diseases, sexual determination, and behavior. Surveys current topics in genetic research. 3cr; 45hr lec, TE 3.00 (DB)

282 Global Change
Prereq: ENG 100 with grade C or better, or placement at ENG 100, or consent. Introduces the biology, ecology, and biogeochemistry of coral reefs and the coral reefs structures they build. Identifies the roles of other members of the coral reef community including algae, other invertebrates, and fishes. Explores the use of corals as resources and the impacts of human activities on coral reefs. 3cr; 45hr lec, TE 3.00 (HB, DB)

331 Marine Mammal Biology
Prereq: Either BIOL 171 or ZOOL 200, and MATH 135, both with grade C or better, or consent. Provides an overview of marine mammal science, significance and roles of marine mammals in their ecosystems, and marine conservation issues. Covers current research topics in marine mammal science. 3cr; 45hr lec, TE 3.00 (DB)
Botany (BOT)
A. Emmens, S.K. Raymond

101 General Botany

Studies growth, function, and evolution of plants. Analyzes human interactions with plants and plant interactions with their environment. (Credited as BOT 102.) 3cr; 45hr lec, TE 3.00 (DR)

101L General Botany Lab

Cron: BOTT 101. Laboratory to accompany BOT 101. (Credited as BOT 102L.) 1cr; 45hr lab, TE 2.50 (DY)

105 Ethnobotany

Cron: BWST 211. Identifies endemic, indigenous, and Polynesian introduced flora of Hawai‘i. Examines the many uses of Hawai‘i’s flora by the indigenous people. Reveals the relationship of gods/plants/man, and connects belief and practices with the intentional migration of specific plants. (Credited as BWST 211.) Meets Social Science requirement, not Natural Science requirement. 3cr; 45hr lec, TE 3.00 (MI, DS)

105L Ethnobotany Lab

Cron: BWST 101, either with a C or better (or concurrent). Studies the interactions between the Hawaiian culture and plants/plant environments. Considers different levels and types of interactions and patterns of interactions between people and plants. Places emphasis on the importance of cultural upbringing. Includes field trips in lieu of lab. (Credited as BWST 211L.) 1cr; 45hr lab, TE 2.50 (DY)

130 Business Communication - Oral

Cron: ENG 22 with grade C or better, or placement at ENG 100, or consent. Develops competence in oral communication within business and organizational context. Provides the theory and practical skills to be a confident and effective communicator in a variety of business and organizational settings. (Credited as COMM 130.) 3cr; 45hr lec, TE 3.00 (DA)

150 Personal Finance

Cron: ENG 19 with grade C or better or placement at ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Introduces fundamental principles of pictorial and architectural drawing and blueprint reading. Focuses on the use of mechanical drawing instruments and freehand sketching to make shop drawings and develop interpretation and visualization techniques as they refer to detailed artistic renderings and construction drawings, and concepts essential to related fields of carpentry, architecture, engineering, and graphic arts. 3cr; 45hr lec, TE 3.00

Business (BUS)
B. Watanabe

120 Principles of Business

Cron: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: ENG 22 with grade C or better, or placement at ENG 100. Surveys the fundamentals of American business enterprise and examines the foundations and responsibilities of accounting, management, finance, marketing, and the business environment. 3cr; 45hr lec, TE 3.00

125 Starting a Business

Cron: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: ENG 22 with grade C or better, or placement at ENG 100. Surveys the business environment, establishing a business entity, decision-making processes, marketing assessments, financing, operations considerations, and government regulations as they relate to the development of a formal business plan. It is designed for those who wish to start or are currently operating their own business. 3cr; 45hr lec, TE 3.00

310 Statistical Analysis for Business Decisions

Cron: MATH 115 with grade C or better, or consent. Emphasizes problem recognition, formulation, and stress on cross-disciplinary complex problem solving and communication. Covers descriptive statistics, probability, and hypothesis testing with emphasis on quality, productivity, and regression analysis. (Computer intensive.) 3cr; 45hr lec, TE 3.00

318 Principles of Finance

Cron: ACC 300 with grade C or better, or consent. Introduces the theory and practice of financial management: analysis and decision-making for asset management, capital budgeting, capital structure, and dividend policy. 3cr; 45hr lec, TE 3.00

320 Entrepreneurship - Opportunity Recognition and Evaluation

Cron: MGFT 310 and MGFT 350, or consent. Develops skills necessary to recognize an opportunity, and evaluate the viability of an idea, prior to the investment of significant time and money. Uses student teams to develop, present, and evaluate entrepreneurial startups. 3cr; 45hr lec, TE 3.00

322 New Venture Leadership

Cron: MGFT 310, or consent. Recommended: PSTY 100 or SOCC 100. Focuses on organizational leadership. Emphasizes the human dimension within organizations. Provides a foundation for understanding the present and future stages of organization dynamics. Includes the management of change and innovation. 3cr; 45hr lec, TE 3.00

324 Business Law for Entrepreneurs

Cron: ENG 100 with grade C or better, or consent. Explores the legal challenges the entrepreneur faces throughout the course of a project or business venture. Identifies and develops skills and tools used to increase or realize value and grow the business while mitigating risks. 3cr; 45hr lec, TE 3.00

360 International Business Law

Cron: ENG 100 with grade C or better, or consent. Examines international and national laws as they apply to international trade. Readings and case studies focus on the legal environment of selected areas in the Asia Pacific region and strategies for doing business overseas. 3cr; 45hr lec, TE 3.00
159 Creating and Managing the Virtual Office
Prereq: BUSN 121 or 123, and BUSN 200/ICS 130, and BUSN 164, all with grade C or better, and ENG 22 with grade C or better, or placement at ENG 100, or consent. Recommended: Basic computer, Internet, and keyboarding skills. Helps with organizational and personal productivity, time management, and critical thinking. In-person instruction at least 57hr/cr documented field experience. 3cr; 45hr lec, TE 3.00

160 Customer Service
Prereq: ENG 22 or placement at ENG 100, or consent.
Introduces various concepts of human behavior and applies them to the workplace setting. In-service training for employees. Contacts customers face-to-face, by phone, or through electronic media. 3cr; 45hr lec, TE 3.00

161 Business Technology Cooperative Education
Prereq: BUSN 251, BUSN 189, both with grade C or better, or consent.
Introduces skills for business and industry by applying fundamental principles of business in a practical setting. 3cr; 45hr lec, TE 3.00

162 Professional Employment Preparation
Prereq: ENG 22 with grade C or better (or concurrent), or placement at ENG 100, or consent. Prereq: BUSN 150 or ICS 101, either with grade C or better or placement at least MATH 82, or consent. Introduces basic concepts of business and related skills necessary to enter the workplace. 3cr; 45hr lec, TE 3.00

163 Business Technology Instructional Design
Prereq: BUSN 251, BUSN 189, both with grade C or better, or placement at least MATH 82, or consent. Introduces the role of computers in the workplace and the design of business instructional materials. 3cr; 45hr lec, TE 3.00

164 Career Success
Prereq: ENG 22 with grade C or better (or concurrent), or placement at ENG 100, or consent. Prereq: BUSN 150 or ICS 101, either with grade C or better or placement at least MATH 82, or consent. Introduces basic concepts of business and related skills necessary to enter the workplace. 3cr; 45hr lec, TE 3.00

165 Social Media and Collaboration Tools for Business
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Prereq: BUSN 150 or ICS 101, either with grade C or better or placement at least MATH 82, or consent. Recommended: Basic computer, Internet, and keyboarding skills. Introduces students to social media and collaboration tools as they relate to business. Students create, maintain, and update social media pages, including blog management, wikis, and social networking sites. 3cr; 45hr lec, TE 3.00

166 Records and Information Management
Prereq or coreq: ENG 100, or consent. Introduces principles and procedures for organizing and operating Records and Information Management (RIM) programs. Topics include: selection of filing systems, equipment, and supplies, procedures for storage, retrieval, transfer, retention, and disposal of record; records inventory and analysis; record protection and disposition; and study and application of ARMA (Association of Records Managers and Administrators) rules for alphabetic, alphanumeric, geographic, numeric, and subject methods. Helps a business or organization meet its federal, legal, governmental, and corporate requirements by managing its informational systems. 3cr; 45hr lec, TE 3.00

167 Business Communications
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Prereq: BUSN 150 or ICS 101, either with grade C or better or placement at least MATH 82, or consent. Introduces writing and receiving business messages, reports, letters, and memos. Emphasizes rules for using proper grammar, spelling, capitalization, punctuation, and capitalization. Includes all business correspondence. 3cr; 45hr lec, TE 3.00

168 Business Technology Chemistry
Prereq: CHEM 100 (or concurrent) with grade C or better, or consent.
Introduces historical contexts and concepts of chemistry. Includes physical and chemical properties of matter, including introduction to units, equations, and stoichiometry. 1cr; 45hr lab, TE 3.00

169 Business Technology Cooperative Education
Prereq: BUSN 251, BUSN 189, both with grade C or better, or placement at least MATH 82, or consent. Introduces the role of computers in the workplace and the design of business instructional materials. 3cr; 45hr lec, TE 3.00

170 Records and Information Management
Prereq or coreq: ENG 100, or consent. Introduces principles and procedures for organizing and operating Records and Information Management (RIM) programs. Topics include: selection of filing systems, equipment, and supplies, procedures for storage, retrieval, transfer, retention, and disposal of record, records inventory and analysis; record protection and disposi-
Communication (COM)

W. Hashimoto

130  Business Communication - Oral Preqs: ENG 22 with grade C or better, or placement at ENG 100, or enro.
Develops competence in oral communica-
tion within business and organizational context. Focuses on the theory and prac-
tical skills to be a confident and effective communicator in a variety of business and organizational settings. (Croslisted at BUS 130.) 3cr; 45hr lec, TE 3.00 (DA)

145  Interpersonal Communication I Provides the theory and practical skills to be a competent communicator in a one-on-one setting. 3cr; 45hr lec, TE 3.00 (DS)

150  Intercultural Communication I Preqs: ENG 100, or enro.
Explores problems and opportunities of communicating in a variety of intercultural contexts. Focuses on theory and practice in managing intercultural communication effectiveness. 3cr; 45hr lec, TE 3.00 (DS)

151  Conflict Resolution & Mediation Preqs: SOC 145, BUS/COM 130, or PSTY 100, or any with grade C or better, or placement at least ENGL 22, or PSTY 100, or any with grade C or better, or recommendation. Recommended: ENG 100 with grade C or better.
Explores the reasons for conflict and the different approaches for seeking resolution for conflicts. Studies personal, interper-
sonal, and societal values, the psychology of how people respond to conflict, the impact of cultural conflict styles, communication skills useful in dealing with conflict, and alternative resolution strategies. Practices mediation skills as a third party interven-
tion method. (Croslisted at PSTY 253.) 3cr; 45hr lec, TE 3.00 (DS)

153  Conflict Management & Resolution Preqs: ENG 100, or SOC 100, or any with grade C or better, or BUS/COM 130, COM 145, or COM 210, or any with grade C or better; or recommendation. Recommended: BUS/COM 215.
Examines communication and behavior in interpersonal conflict through analysis of professional and personal relationships. Assesses political, social, and cultural influ-
ences on conflict, and applies Western and Polynesian models of dispute resolution processes in relational conflict. (Croslisted at PSTY 353.) 3cr; 45hr lec, TE 3.00 (DS)

549  Intercultural Communication II Preqs: ENG 100 with grade C or better, or enro.
Surveys the major factors affecting inter-
personal communication between/among members of different cultures. Expands breadth and depth of knowledge of cul-
tural, social, and political influences on intercultural communication. Focuses on theory, research, and managing intercultural effectiveness globally. 3cr; 45hr lec, TE 3.00 (DS)

Community Health Worker (CHW)

A. Scharmouth

135  Health Promotion/Disease Prevention Preqs: HSER 101 with grade C or better, or placement at least ENGL 22, or PSTY 100, or any with grade C or better, or recommendation.
Examines the role Community Health Workers play in health promotion and disease prevention. Introduces the major causes of premature mortality and morbidity, behavioral and environmental contrib-
tors, disease and illness, and strategies for promoting health, wellness and risk re-
duction. Provides opportunities to practice developing and teaching health promotion/ disease prevention classes. 3cr; 45hr lec, TE 3.00 (DS)

Cooperative Arts & Sciences Education (CASE)

J. Patto

See Special Curricula section for details.

193v, 293v  Work-Based Learning 393v, 493v  Work-Based Learning Preqs for 393v and 493v: Students must be upper division program majors, or consent.
Provides study and practice in various profes-
sional positions commonly found in the ser-
vice industry.FN  Preqs for 393v and 493v: Students must be upper division program majors, or consent.
Provides study and practice in various profes-
sional positions commonly found in the ser-
vice industry.FN  Provides study and practice in various profes-
sional positions commonly found in the ser-
vice industry.FN

150  Fundamentals of Baking Preqs: CULN 111 and CULN 125, both with grade C or better, or consent.
Examines the importance of tools, skills, and techniques of cooking breads. Includes the use of standard recipes. Covers basic baking methods for planting breads, yeast doughs, and cold food kitchen. Examines sustainable practices and pro-
cesses of sanitation and safety in the foodservice industry. Students learn to combine and apply cooking methods to create and present various menu items. 3cr; 45hr lec, TE 3.00 (DS)

111  Introduction to the Culinary Industry Preqs: ENG 19 with grade C or better or placement at least ENGL 22, and MATH 75X with grade C or better or placement at least MATH 82, or enro.
Provides an overview of the culinary industry within the aspects of the entire hospitality industry. Introduces students to the historical, so-
cial, and cultural forces that have affected and shaped the industry, and the individual's role in the indus-
tory. Includes food cultures, regional food cus-
tomizations, the culinary and hospitality indus-
tory and its unique infrastructure, the legal and regulatory environments of the food industry, kitchen management, and professional ethics. 4cr; 180hr lab, TE 7.50

120  Fundamentals of Foodservice Management Preqs: ENG 19 with grade C or better or placement at least ENGL 22, and MATH 75X with grade C or better or placement at least MATH 82, or enro.
Focuses on the role of foodservice managers in the foodservice industry and the principles and practices of foodservice management. The course covers food planning, purchasing, receiving, storage, cooking and culinary arts practices as they are applied in the foodservice industry. 3cr; 45hr lec, TE 3.00 (DS)

123  Culinary Basics Preqs: ENG 19 with grade C or better or placement at least ENGL 22, and MATH 75X with grade C or better or placement at least MATH 82, or enro.
Examines fundamental principles of culinary arts as defined through the history, chemistry, biol-
ogy, technology, and cultural elements of food preparation. Provides a foundation in health, safety, and sanitation principles. 3cr; 45hr lec, TE 3.00 (DS)

155  Intermediate Baking Preqs: CULN 111 and CULN 150, both with grade C or better, or consent.
Examines the importance of tools, skills, and techniques of cooking breads. Includes the use of standard recipes. Covers basic baking methods for planting breads, yeast doughs, and cold food kitchen. Examines sustainable practices and pro-
cesses of sanitation and safety in the foodservice industry. Students learn to combine and apply cooking methods to create and present various menu items. 3cr; 45hr lec, TE 7.50

160  Dining Room Service Preqs: CULN 112 with grade C or better, and CULN 22 with grade C or better or placement at ENGL 100, or enro.
Provides study and practice in various types of table service. Teaches proper serving techniques, etiquette, respect, and communication skills. Includes practical experiences in a public dining room. Offers study in beverages, wine, and service equipment use, job descriptions of the vari-
cious positions commonly found in the serv-
ici of alcohol beverages, specific service techniques used in those positions, and the rules and regulations of serving alcoholic beverages. 4cr; 180hr lab, TE 7.50

220  Advanced Cookery Preqs: CULN 120 and 130, both with grade C or better, and CULN 22 with grade C or better or placement at least ENGL 22, or enro.
Examines the importance of tools, skills, and techniques of cooking breads. Includes the use of standard recipes. Covers basic baking methods for planting breads, yeast doughs, and cold food kitchen. Examines sustainable practices and processes of sanitation and safety in the foodservice industry. Students learn to combine and apply cooking methods to create and present various menu items. 4cr; 180hr lab, TE 7.50
240 Garde Manager
Prereg: CULN 120 and CULN 130, both with grade C or better, or consent.
Provides instruction and demonstration in the preparation of hot and cold hors d’oeuvres, canapes, appetizers, sandwiches, pastries, pastries, pastries, pastries, and vegetable and ice carvings. Discusses buffet catering, set-ups, and menu planning.
3cr; 15hr lab, TE 5.63

250 Advanced Baking I
Prereg: CULN 151 and ENCI 100, both with grade C or better, or consent.
Develops skills used in the production of more advanced breads, pastries, and confectionery products. Emphasis on techniques required to produce items such as souffles, patisseries, ice creams, and sorbets, plated desserts, marzipan, decorated specialties, sugar and icorm decoration, and pastillage.
4cr; 180hr lab, TE 7.50

251 Advanced Baking II
Prereg: CULN 250 and ENCI 100, both with grade C or better, or consent.
Develops skills used in the production of more advanced baked pastry and confectionery products. Emphasis on techniques required to produce items such as souffles, patisseries, ice creams, and sorbets, plated desserts, marzipan, decorated specialties, sugar and icorm decoration, and pastillage.
4cr; 180hr lab, TE 7.50

271 Purchasing and Cost Controls
Prereg: CULN 129 and CULN 130, both with grade C or better, or consent.
Recommended: CULN 100 and ENCI 100. Analyzes purchasing and food control systems in commercial food service operations. Practices cost and sales analysis, comparative buying, inventory control.
4cr; 180hr lab, TE 7.50

292v Work Practicum
Prereg or consent. CULN 112, or consent.
Provides broad-based exposure to principles and practices of the fundamentals of catering with the food service industry. Unpaid practical hands-on experiences to teach the facets of sales, planning catering, and service of texted on and off premises. Offers experience in catering, reception, buffet, catering, and development fields.
May be repeated for a maximum of 8 credits.
3cr; 1-hour arranged

293v Culinary Arts Field Experiences
Prereg: CA in CULN, or consent.
Offer flexle, customized, and supervised school-to-work experiences in all aspects of the culinary arts industry. Integrates and applies classroom theory to work situations via on-the-job experience fields. Emphasizes the “Culinarian’s Code” into field experiences.
May be repeated for a maximum of 12 credits.
3cr; 15-hour lab field experience and seminars arranged

Dental Hygiene (DH)

R. Vierra

150 Oral Histology & Embryology
Prereg: Admission to Dental Hygiene program. Describes and oral histology including an overview of oral embryology, a study of the fundamentals of cytology, and the normal microscopic anatomy of oral tissues.
(Letter grade only.)
2cr; 50hr lec, TE 2.00

153 Assessment Procedures in Dental Hygiene
Prereg: Admission to Dental Hygiene program. Provides an orientation to dental hygiene practice. Focuses on the assessment techniques of the dental hygiene process of care. Includes introduction of diseases important to dentistry, hazardous materials management, waste management, and rules of regulatory agencies.
2cr; 50hr lec, TE 2.00

252 Dental Materials
Prereg: DH 158 with grade C or better. Coreq: DH 252L. Examines the study of materials utilized in the practice of dentistry and dental hygiene. Reviews properties of dental materials and presents ADA requirements.
(Letter grade only.)
2cr; 50hr lec, TE 2.00

252L Dental Materials Lab
Prereg: DH 158 with grade C or better. Coreq: DH 252. Develops laboratory experience providing students with techniques in preparation and utilization of dental materials. (Letter grade only.)
2cr; 50hr lec, 15hr lab, TE 3.75

254 Pathology in Dental Hygiene and Special Patient Populations
Prereg: Admission to Dental Hygiene program. Provides an overview of medical and dental emergencies including prevention of and preparedness for management of emergencies, client observation, and vital signs. Discusses basic principles of pharmacology related to emergencies including drug actions and interactions, toxicity and allergy, dental drugs in common use, and drugs used in the treatment of medical problems.
Describes and legal aspects of emergency procedures in dentistry.
(Letter grade only.)
2cr; 15hr lec, TE 1.00

156 Pre-clinical Dental Hygiene
Prereg: Admission to Dental Hygiene program. Introduces clinical procedures and techniques of dental hygiene including prevention of disease transmission, health/ dental history, extra/intraoral examination, gingival evaluation and description, comprehensive periodontal examination, suspicious caries evaluation, and classification of occlusion. Demonstrates operation of the dental unit, basic instrumentation techniques, and ergonomic practice.
(Letter grade only.)
3cr; 15hr lec, 90hr lab, TE 5.83

158 Anatomical Sciences
Prereg: Admission to Dental Hygiene program. Examines dental anatomy focusing on the development, morphology and functions of the teeth, head and neck including maxillo-
(Letter grade only.)
2cr; 50hr lec, TE 2.00

255 Oral Pathology in Dental Hygiene
Prereg: DH 254 with grade C or better, or consent.
Examines pathology of the head, neck, and oral structures. Differentiates developmental conditions, caries, diseases of bacterial, viral, and fungal origin. Describes neoplasms of the oral cavity.
(Letter grade only.)
2cr; 50hr lec, 15hr lab, TE 1.00

257 Periodontics 2 and Advanced Clinical Techniques
Prereg: DH 257 with grade C or better. Focuses on diagnosis, treatment planning, and therapeutic procedures. Examines preventive and therapeutic measures within scope and responsibilities of the dental hygienist. Utilizes advanced instrumentation in periodontal treatment. Compares types of periodontal surgery and therapies. Describes rationale and criteria for periodontal referral.
(Letter grade only.)
2cr; 50hr lec, 45hr lab, TE 2.50

258 Periodontics 2 and Advanced Clinical Techniques
Prereg: DH 257 with grade C or better. Focuses on diagnosis, treatment planning, and therapeutic procedures. Examines preventive and therapeutic measures within scope and responsibilities of the dental hygienist. Utilizes advanced instrumentation in periodontal treatment. Compares types of periodontal surgery and therapies. Describes rationale and criteria for periodontal referral.
(Letter grade only.)
2cr; 50hr lec, 45hr lab, TE 2.50

260 Dental Emergencies
Prereg: DH 156 with grade C or better. Focuses on assessment, planning, implementing, and evaluating dental hygiene care on clinic clients. Develops clinical competency, skills, and performance with each successive academic semester.
(Letter grade only.)
2cr; 15hr lec, 20hr lab, TE 1.00

261 Dental Emergencies
Prereg: DH 156 with grade C or better. Focuses on assessment, planning, implementing, and evaluating dental hygiene care on clinic clients. Develops clinical competency, skills, and performance with each successive academic semester.
(Letter grade only.)
2cr; 15hr lec, 45hr lab, TE 2.50

262 Dental Emergencies
Prereg: DH 261 with grade C or better. Focuses on assessment, planning, implementing, and evaluating dental hygiene care on clinic clients. Develops clinical competency, skills, and performance with each successive academic semester.
(Letter grade only.)
2cr; 15hr lec, 45hr lab, TE 2.50
Directed Study

(Drama) (DRAMA course alpha was changed to THEATRE. See THEA 101, 221, 222.)

Early Childhood Education (ECED)

J. Powers, E. Yamashita

105 Introduction to Early Childhood Education

Prereq: ENG 19 with grade C or better, or placement at ENG 22, or consent. Introduces and explores the historical roots and fundamental principles of early childhood care and programs, the variety and scope of programs in the community, issues confronting the field, and career options. 3cr; 45hr lec, TE 3.00

110 Developmentally Appropriate Practices

Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Provides a practical guide and overview of the basic awareness, attitudes, knowledge, and skills necessary for working with children from birth through age eight. Introduces concepts of developmentally appropriate practices, the importance of play and inclusion of children with special needs. 3cr; 45hr lec, TE 3.00

115 Health, Safety, and Nutrition for the Young Child

Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Introduces theories and practices for creating and maintaining a safe, healthy learning environment for young children and adults in group settings. Introduces guidelines and practices for providing for the nutritional needs of young children and adults in group settings. 3cr; 45hr lec, TE 3.00

131 Early Childhood Development: Theory into Practice

Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Explains principles of human development from conception through early childhood. Focuses on the interrelation of physical, cognitive, emotional, and social aspects of the individual during this period and how this information of development affects one's expectations and relationships to the individual child. 3cr; 45hr lec, TE 3.00

140 Guiding Young Children in Group Settings

(Recommended: ECED 131) Addresses positive ways to support children's social-emotional development. Focuses on adult-child and child-child interactions and relationships. 3cr; 45hr lec, TE 3.00

152 Early Literacy Development

Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Provides views on content knowledge with practice. Designed to develop vision and mission statements. Provides tools to develop vision and mission statements, and gives tools to develop vision and mission statements. 3cr; 45hr lec, TE 3.00

175D Home Visiting: Professionalism

Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Provides theoretical foundation and practice in working with infants and toddlers in groups. Focuses on interactive aspects of child development. Introduces infant-toddler caregiving routines and environments, and caregiver roles. Explores ways to enrich experiences and to promote strong relationships with families. 3cr; 45hr lec, TE 3.00

175B Introduction to Home Visiting

Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Explores child growth and development from birth to five with emphasis on establishing a partnership with families to encourage their involvement in the child's self-esteem; self-discipline; intellectual development; and physical, social, and emotional competence. Introduces principles of adult learning and effective communication skills. 3cr; 45hr lec, TE 3.00

175C Home Visiting: Assessment & Recordkeeping

Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Introduces and explores assessment, record keeping, and case-management skills required for home visitor programs. Examines current plans based on identification of the child and adult needs and progress. 3cr; 15hr lec, TE 1.00

245 Child, Family, and Community

Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Examines the role of families and communities in establishing effective partnership relationships with diverse families and other adults. Introduces students to the local resources available for family referral. 3cr; 45hr lec, TE 3.00
281C Early Childhood Program
Admin: Staff Development
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Examines hiring, grievance, and firing policies of early childhood programs.
Examines and lets student develop a staff development framework for their program.
1cr; 15hr lec (scheduled in 3 weeks), TE 1.00

281D Early Childhood Program Admin: Curriculum and Environment
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Examines and analyzes early childhood curriculum and physical environments.
Lets students develop plans to improve curriculum and physical environments of individual programs.
1cr; 15hr lec (scheduled in 3 weeks), TE 1.00

282B Early Childhood Program Admin: Budgets & Financial Management
Prereq: ENG 22 with grade C or better, or placement at ENG 100, and MATH 82 with grade C or better or placement at least MATH 100, or consent.
Examines principles of profit and non-profit management, budgeting, and financial planning.
Gives students tools to develop budgets and short- and long-term financial plans for early childhood programs.
1cr; 15hr lec (scheduled 5wks), TE 1.00

282C Early Childhood Program Admin: Recordkeeping
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Examines and analyzes operating policies, recordkeeping practices, and staff and child evaluation procedures of early childhood programs.
1cr; 15hr lec (scheduled 5wks), TE 1.00

282D Early Childhood Program Admin: Advocacy
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Examines the various ways an administrator can be an advocate for the profession.
Looks at programs, accreditation, and understanding and utilizing decision-making processes at the county, state, and federal levels.
1cr; 15hr lec (scheduled 5wks), TE 1.00

291v Early Childhood Field Experience II
Prereq: Permission of instructor, and ECED 105, ECED/FAQM 140, ECED 190/195, ECED 245/FAMR 235, ECED 263 or 264 (or concurrent), and ENG 100, all with grade C or better. Recommended: ECED 115.
Note: Students may be required to obtain a physical or doctor’s note and to be fingerprinted, all at student’s expense.
Provides a culminating supervised work experience in an early childhood education and care setting. Supports students in integrating content knowledge with practice.
(1-4cr; 1.5-15hr practicum/1hr discussion per week or 2hrs discussion every other week.

131 Principles of Economics: Macroeconomics*
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 82 with grade C or better or placement at least MATH 103, or consent.
Analyzes the forces determining national and international economic performance in such areas as employment, inflation, production, money supply, and trade.
Examines and analyzes operating policies of early childhood programs.
Prereq: ENG 19 with grade C or better or placement at least ENG 22, and MATH 75x with grade C or better or placement at least MATH 82, or consent.
Examines principles of switching, circuits, and computer technology, engineering notation, electrical units, and schematic diagrams.
Prereq: ENG 22 with grade C or better or placement at ENG 100, or placement at least ENG 22, or consent.
Examines hiring, grievance, and firing policies of early childhood programs.
Prereq: ENG 19 with grade C or better or placement at least ENG 22, and MATH 75x with grade C or better or placement at least MATH 82, or consent.
Examines the way economic systems operate. Contrasts the American economy with other systems. Studies the operation of business. Analyzes national policies in solving the economic problems of inflation, unemployment, and foreign trade. One semester course for non-majors in economics.
3cr; 45hr lec, TE 3.00 (DS)

130 Principles of Economics: Microeconomics*
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 82 with grade C or better or placement at least MATH 103, or consent.
Examines the market mechanism, prices, competition, and the efficient allocation of scarce resources. Formulates possible solutions to contemporary economic and social issues such as world food problems, poverty and distribution of income, market power of business including multi-nationals, role of labor unions, energy crises, environmental pollution, consumerism, and welfare.
3cr; 45hr lec, TE 3.00 (DS)

211 Basic Circuit Analysis I
Prereq: MATH 211 and PHYS 273, both with grade C or better (or concurrent), or consent.
Examines and analyzes operating policies of early childhood programs.
Prereq: ENG 22 with grade C or better or placement at least MATH 103, or consent.
Examines and analyzes operating policies of early childhood programs.
Prereq: ENG 19 with grade C or better or placement at least ENG 22, and MATH 75x with grade C or better or placement at least MATH 82, or consent.
Examines principles of switching, circuits, code requirements, and appliances. Develops skills in practical applications.
3cr; 60hr lec-lab, TE 2.50

Electrical Engineering (EE)

160 Programming for Engineers
Prereq: MATH 140 (or concurrent), or placement at least MATH 205, or consent.
Examines principles of switching, circuits, code requirements, and appliances. Develops skills in practical applications.
3cr; 45hr lec, 45 hr lab TE 5.00 (DP)

211 Basic Circuit Analysis I
Prereq: ENG 22 with grade C or better or placement at least MATH 103, or consent.
Examines and analyzes operating policies of early childhood programs.
Prereq: ENG 19 with grade C or better or placement at least ENG 22, and MATH 75x with grade C or better or placement at least MATH 82, or consent.
Examines and analyzes operating policies of early childhood programs.
Prereq: ENG 22 with grade C or better or placement at least MATH 103, or consent.
Examines hiring, grievance, and firing policies of early childhood programs.
Prereq: ENG 19 with grade C or better or placement at least ENG 22, and MATH 75x with grade C or better or placement at least MATH 82, or consent.
Examines principles of switching, circuits, code requirements, and appliances. Develops skills in practical applications.
2cr; 60hr lec-lab, TE 2.50

Electroics (ETRO)

101 Introduction to Electronic Technology
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent.
Recommended: ICS 101, or equivalent.
Introduces fundamentals of electronics and computer technology, engineering notation, electrical units, and schematic diagrams.
Provides the theory and applications of electronic measuring instruments and the construction of circuits.
3cr; 90hr lec-lab, TE 5.00

102 Instrumentation for Engineering Technicians
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent.
Recommended: ICS 101, or equivalent.
Introduces fundamental principles of optics and electronics. Investigates applications to engineering and computer software integral to the operation of instrumentation used in a variety of disciplines and research areas. Utilizes data collection, imaging, and image processing procedures, including examples drawn from local high-technology industries.
4cr; 120hr lec-lab, TE 6.67
Electronics

105 Circuit Analysis I
Prereq: ENG 22 with grade C or better or placement at ENG 100 and MATH 103 with grade C or better or placement at least MATH 119/135, or consent.
Demonstrates Ohm’s law, Kirchhoff’s laws, Thévenin’s theorem, and maximum power theorems.
4cr; 120hr lec-lab, TE 6.67

106 Circuit Analysis II
Prereq: ENG 105 with grade C or better, or consent.
Studies Ohm’s law, Kirchhoff’s laws.
Thévenin’s theorem, and maximum power theorems as applied to AC circuits and waveforms.
Reinforces troubleshooting and circuit analysis skills. Introduces magnitude and phase, rectangular and polar forms for sinusoids, impedance, and power vectors.
Studies time domain and frequency domain solutions for capacitive and inductive circuits.
Demonstrates high pass, low pass, band pass, and band stop filter circuits.
4cr; 120hr lec-lab, TE 6.67

140 Fundamentals of Computer Networking
Prereq: ENG 105 and MATH 119, both with grade C or better, or consent. Recommended: ICS 111 and MATH 125.
Introduces basic concepts and theories.
Provides laboratory hands-on applications of modern communication technologies and digital signal processing.
Focuses on network applications and software.
Incorporates project management techniques and best practices in the context of typical workplace.
4cr; 120hr lec-lab, TE 6.67

193v Internship I
Prereq: ETRO 105 with grade C or better, or consent.
Introduces the student to the workplace, the student's major interest area, and the area of the job station. Upgrades the opportunities for specific skills dependent upon the job station.
Requires a work-related project during which the student will demonstrate competency in acquired employability skills.
Prerequisites: instruction, supervisor, and student. Supervisor and student jointly evaluate student. (May be repeated for a maximum of 3 credits.) 1-3cr; 75hrs/v

201 Digital Computer Technology I
Prereq: ENG 105 with grade C or better, or consent.
Introduces digital computer technology.
Studies binary and hex number systems and codes, Boolean algebra, logic circuits, and data circuits including flip-flops.
Designs, analyses, builds, models, and troubleshoots digital circuits.
Characterizes counter circuit input and output waveforms.
Utilizes LED display circuits, phototransistors, transistors, and operational amplifiers.
4cr; 120hr lec-lab, TE 6.67

202 Digital Computer Technology II
Prereq: ENG 105 and MATH 119 (or 135 or higher), both with grade C or better, or consent.
Introduces microprocessor technology.
Studies microprocessor architecture and programming.
Investigates addressing modes, stack operations, subroutines, input and output operations, microcomputer subsystems and interfacing.
Designs, builds, analyzes, and troubleshoots microcomputer circuits, counters, decoder, display drivers, digital to analog and analog to digital converters.
Programs microprocessors using emulators and embedded systems.
Calibrates and characterizes digital systems and specifications.
4cr; 120hr lec-lab, TE 6.67

212 Electronic Technology II
Prereq: ETRO 201 with grade C or better, or consent.
Concepts of electronic devices and circuits including modeling of semiconductor devices, analysis and design of transistor biasing circuits and linear amplifiers.
Applies to the design of amplifiers, cascade amplifiers, power amplifiers, operational amplifiers, I/C oscillators, and timing circuits.
Offers an introduction to Printing Circuit Board Design tools using LPKF.
3cr; 90hrs lec-lab, TE 5.00

240 Computer Networking II
Prereq: ETRO 140 with grade C or better, or consent.
Introduces intermediate level computer networking skills.
Introduces Ethernet switching and intermediate routing skills including variable length subnet masking, routing protocols, and WAN technologies.
Studies designs, builds, and troubleshoots local area networks.
Prepares student for the Cisco Certified Networking Associate (CCNA) certificate examination.
4cr; 120hr lec-lab, TE 6.67

293v Internship II
Prereq: ETRO 193v with grade C or better, or consent.
Reinforces workplace skills and protocols.
Develops abilities to work independently and cooperatively as part of a team.
Develops project goals and milestones.
Utilizes current software and computer applications.
Demonstrates technical oral and written communication.
(May be repeated for a maximum of 8 credits.) 1-3cr; 75hrs/v

296 Special Projects in ECE
Prereq: ETRO 140, ETRO 201, and MATH 119 (or 135 or higher), all with grade C or better, or consent.
Develops technical skills in electronic and digital computer technology.
Creates, designs, and builds an electronics and computer engineering technology student project.
Includes investigating required schematics, components, and devices for the project.
Includes programming, testing, troubleshooting, and characterization.
Demonstrates, explains, and presents project goals, milestones, and results.
3cr; 90hrs lec-lab, TE 5.00

305 Engineering Computing
Prereq: ETRO 212 and ICS 111, both with grade C or better, or consent.
Covers the fundamentals of computer programming as applied to electronic design.
Studies computer programming to solve electronics and optical system problems.
Uses software programming languages, technical databases, image processing, and other scientific and engineering software tools.
Introduces mathematical concepts useful in the study of electronic technology.
Utilizes the capabilities of software such as MATLAB and its use to visualize solutions to technical and engineering problems.
Provides hands-on engineering computing examples to demonstrate programming skills.
4cr; 45hrs lec, 5hrs lab, TE 5.00

310 Applied Robotics
Prereq: ETRO 212 and ICS 111, both with grade C or better, or consent.
Coreq: ETRO 305.
Introduces robotics programming and includes robotic applications for multifunction part manipulation and motion with stepper and servo-motors.
Studies robotics topics related to robotic design including robotic vision, motion planning, sensing and senso, actuators, navigation systems, mobility, and final design and implementation.
Provides laboratory hands-on applications of concepts and theories.
3cr; 50hrs lec, 45hrs lab, TE 4.17

315 Project Management
Prereq: ETRO 305 with grade C or better, or consent.
Emphasizes organization, project requirements and budgeting, planning, problem solving, implementation, comparisons, and benefitting.
Overviews effective methods for interfacing electronic circuits to larger systems and projects.
Utilizes project management software tools.
Applies laboratory practicals to the technician workplace as related to engineering technology.
Develops a career plan within potential project types, structures and funding opportunities in the Hawai‘i workplace.
Supports specific applications in the Capstone project.
3cr; 50hrs lec, 45hrs lab, TE 4.17

320 Intermediate Optics
Prereq: ETRO 161 and PHYS 219, both with grade C or better, or consent.
Investigates fundamentals of geometrical and physical optics useful for modern optical systems.
Focuses on geometrical and ray optics and introduces one-dimensional wave optics to describe and demonstrate the mechanisms and properties involved in optical systems.
Exposes students to phenomena related to the field of optics, and offers examples of modern optical engineering.
Prepares students at the senior level for understanding field of optics.
4cr; 45hrs lec, 45hrs lab, TE 5.00

340 System Integration
Prereq: ETRO 140 and ICS 111, both with grade C or better or ICS 252 with grade C or better, or consent.
Provides hands-on experience with integrating information technologies (i.e., data-base, Web, computing, and visualization services) into systems that support scientific and engineering applications.
4cr; 45hrs lec, 5hrs lab, TE 5.00

350 Power Systems
Prereq: ETRO 212 with grade C or better, or consent.
Studies the basic principles of electrical- mechanical energy conversion: single and three-phase circuits, transformers, three-phase induction and synchronous machine, DC machine, AC including magnetic circuits, and poly-phase circuits.
Demonstrates circuit analysis.
4cr; 45hrs lec, 5hrs lab, TE 5.00

360 Signals and Systems
Prereq: ETRO 140 and ICS 111, both with grade C or better, or consent.
Coreq: ETRO 305.
Introduces signal processing and includes applications for multifunction part manipulation and motion with stepper and servo-motors.
Studies topics related to robotic design including robotic vision, motion planning, sensing and sensors, actuators, navigation systems, mobility, and final design and implementation.
Provides laboratory hands-on applications of concepts and theories.
3cr; 50hrs lec, 45hrs lab, TE 4.17

370 Optoelectronics
Prereq: ETRO 320 with grade C or better, or consent.
Studies light detection using photovoltaic and photodetector applications.
Studies light generation using light emitting diodes and laser diodes.
Characterizes and troubleshoots optoelectronic devices such as LEDs, laser diodes, photodetectors, photovoltaic detectors, avalanche photodiodes, quad cells, and linear displacement devices.
Includes laboratory experiments and instructional activities, and provides practical experiences of the technical workplace.
3cr; 50hrs lec, 45hrs lab, TE 4.17

450 Signal Processing
Prereq: ETRO 360 with grade C or better, or consent.
Introduces digital signal processing, discrete-time signals and systems, transform, linear shift-invariant systems, discrete Fourier transform (DFT) and Fast Fourier transform (FFT) algorithms, and design of digital filters.
Provides laboratory hands-on applications of concepts and theories.
4cr; 45hrs lec, 5hrs lab, TE 5.00

455 Remote Sensing
Prereq: ETRO 450 with grade C or better, or consent.
Applies radiometric and photometric measurement concepts: propagation, irradiance, radiance, radiative intensity, luminescence, radiative extinction.
Validates and characterizes remote sensing data and data analysis techniques.
Covers the interaction between electromagnetic radiation and matter in the context of optical and microwave on light propagation and remote sensing experiments.
Includes laboratory exercises on imaging techniques, gear, project management, presentation skills, and practical experiences of the technical workplace.
Utilizes technologies and analysis techniques relevant to the Hawai‘i high-tech industry.
(formerly ETRO 440.)
4cr; 45hrs lec, 5hrs lab, TE 5.00

460 Control Systems
Prereq: ETRO 360 with grade C or better, or consent.
Focuses on the modeling of dynamic systems and circuits, dynamic response, basic properties of transfer functions and block diagrams, system inputs and outputs, and frequency response.
Introduces state-space modeling and design method.
Studies phenomena related to the field of control systems.
Provides practical examples of modern electronic-mechanical control systems.
Provides laboratory hands-on applications of concepts and theories.
3cr; 90hrs lec, 5hrs lab, TE 5.00

University of Hawai‘i at Hilo
101 Introduction to Sustainable Technology
Prereq: ENG 19 with grade C or better, or placement at or above ENG 19, or MATH 75X or placement at least MATH 82, or consent. Recommended: ICS 101 or BUSN 150, and placement at ENG 100. Introduces alternative methods for meeting long term energy needs, identifies and explores local resources including demand-side management of conventional gas and electric power and sustainable energy resources such as solar, wind, biomass, small hydroelectricity, geothermal, ocean thermal energy conversion, and alternative transportation fuels. 3cr. 45hr lec. TE 3.00

109 Energy (ENG)
C. Rutherford

109 Introduction to Creative Writing
Prereq: ENG 10 with grade C or better, or placement at or above ENG 10, or MATH 75X or placement at least MATH 82, or consent. Recommended: ENG 100. Explores the principles and practice of creative writing through readings and composition in several major genres. 5cr. 75hr cr. TE 3.00 (DA)

109 Report Writing
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Practices organization of factual material and objective writing for the purpose of writing reports and technical articles. Develops ability to write clearly, accurately, and concisely. Reviews basic grammar. Improves technical vocabulary usage. 3cr. 45hr lec. TE 3.00

209 Business & Managerial Writing
Prereq: ENG 100 with grade C or better, or consent. Focuses on the skills needed for effective business and managerial written communication. Emphasizes informative, analytical, persuasive, evaluative, and collaborative writing. Gives practice in writing memos, business letters, directives and instructions, short reports, and formal research reports. 3cr. 45hr lec. TE 3.00 (DL)

210 Research Writing
Prereq: ENG 20 with grade C or better, or placement at ENG 100, or consent. Practices inventing, developing, organizing, and writing complex essays and analyzes. Emphasizes critical thinking and research. 3cr. 45hr lec. TE 3.00 (FW)

209 College Reading Skills
Prereq: ENG 20 with grade C or better, or placement at ENG 100, or consent. Aims to develop higher powers of comprehension, recall, interpretation, perception, and appreciation. Emphasizes improved study skills, depth and efficiency, and discrimination in reading. Develops flexibility of speed adjusted to the material and purpose of reading. Develops the interest and power to plan a self-improvement program for continued growth in reading at mature levels. Intended for students who are reading at or above their grade level and who wish to improve skills of comprehension and critical thinking. 3cr. 45hr lec. TE 3.00

220 Writing for Science and Technology
Prereq: ENG 100 with grade C or better, or consent. Studies and analyzes literary works of Western cultures from ancient times to the present. 3cr. 45hr lec. TE 3.00 (DL)

254 World Literature (Western)
Prereq: ENG 100 with grade C or better, or consent. Studies and analyzes literary works of Western cultures from ancient times to the present. 3cr. 45hr lec. TE 3.00 (DL)

255 Types of Literature
Prereq: ENG 100 with grade C or better, or consent. Studies, analyzes, and critiques major European and American short stories and novels. 3cr. 45hr lec. TE 3.00 (DL)

257 Themes in Literature: Special Topics
Prereq: ENG 100 with grade C or better, or consent. Studies and analyzes universal problems in selected literary works of various types, cultures, and periods. Presents topics, which will vary with student interest and availability of faculty. 3cr. 45hr lec. TE 3.00 (DL)

250 American Literature
Prereq: ENG 100 with grade C or better, or consent. Studies major works of American fiction, non-fiction, drama, and poetry. 3cr. 45hr lec. TE 3.00 (DL)

275 Themes in Literature: Literature of Hawai‘i
Prereq: ENG 100 with grade C or better, or consent. Focuses on selected poems, legends, biographies, short stories, and novels by people of present-day Hawaiian, Polynesian, American, European, and Oriental heritage, drawn from ancient, transitional, and modern Hawaiian literature. Studies and analyzes universal problems in selected literary works. 3cr. 45hr lec. TE 3.00 (H/L, DL)

316 Advanced Research Writing
Prereq: ENG 209 or 220 or 225, any with grade C or better, or consent. Recommended: ENG 210 or 225 preferred. Provides advanced knowledge in planning, developing, organizing, and editing writing projects with clarity and precision. Emphasizes critical thinking skills; social, ethical, and political arguments; and the ability to write a variety of work, including research projects in specific fields of study, using appropriate discipline specific styles. 3cr. 45hr lec. TE 3.00 (DL)

360 Family Resources (FAMR)
J. Powers, E. Yamashita

140 Guiding Young Children in Group Settings
Recommended: ECED 131. Addresses positive ways to support children’s social-emotional development. Focuses on child–child and child–adult interactions and relationships. (Con presently as ECED 140.) 3cr. 45hr lec. TE 3.00

230 Human Development
Prereq: ENG 22 or higher, or consent. Studies concepts, issues, and theories of human growth and development from conception to death. Explores systems approaches to inquiry into factors affecting growth and development. 3cr. 45hr lec. TE 3.00 (DS)
118  Family Resources

235 Child, Family, and Community
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Develops communication skills in establishing effective partnership relationships with diverse families and other adults. Introduces students to the local resources available for family referral. (Coordinated at ECED 245.) 3cr; 45hr lec, TE 3.13

F Fashion Technology (FT)
C. Maeda
25 Ready-to-Wear Clothing Production
Explores efficient and economical techniques in fabric layout, cutting, and sewing. Offers practice in aloha shirt and blouse construction. 3cr; 30hr lec, 45hr lab, TE 3.13

40 Fabric Analysis
Analyzes the latest fabric on the market. Explores how fiber content, fabric development, and color application affect fabric care. 3cr; 45hr lec, TE 3.00

90y, 190y, 290v
(May be repeated without limit for credit.)

Topic: Draping
Prereq: FT 215, or consent.
Introduces the fundamentals of draping on the standard dress form. Practices interpretation of design details through drawings. 3cr; 30hr lec, 45hr lab, TE 3.13

111 Art and Design in Fashion
Surveys fashion as it relates to art and design. Line, color, balance, and proportions are studied providing guidelines to understanding fashion and how it communicates personal image to society. 3cr; 45hr lec, TE 3.00

113 Clothing Construction Methods I
Introduces sewing tools and equipment. Treats selection and adjustment of ready-to-wear patterns and construction of patterns from these patterns to fit figures. 3cr; 30hr lec, 45hr lab, TE 3.13

115 Clothing Construction Methods II
Prereq or coreq: FT 113, or consent.
Explores custom sewing techniques using various kinds of fabrics. Emphasizes accuracy and neatness in pattern alteration and garment construction. 3cr; 30hr lec, 45hr lab, TE 3.13

125 Fashion Show Production
Provides basic information and practical experience in the preparation and production of a fashion show. (May be repeated for a maximum of 9 credits.) 3cr; 30hr lec-lab, TE 1.25

25 Flat Pattern Making I
Prereq: FT 113 or FT 115, or consent.
Introduces basic sewing patterns. Introduces principles of pattern making for women’s apparel through the manipulation of basic slopers. Covers the development of bodices, skirts, sleeves, and collars. 3cr; 30hr lec, 45hr lab, TE 3.13

26 Flat Fashion Design & Sketching
Prereq: FT 215, or consent.
Introduces basic techniques for designing fashion figures. Practices use of pen and ink, and water colors. Explains sketching the design. 3cr; 45hr lec, TE 3.00

27 Flat Pattern Making II
Prereq: FT 113, or consent. Prereq: FT 215.
Explores garment development using the flat pattern method. 3cr; 30hr lec, 45hr lec, TE 3.13 (ME)

Filipino (FIL)
101 Beginning Filipino I
Introduces speaking, listening, reading, and writing skills of basic Tagalog. Includes basic structures of Tagalog, language commonly used in daily situations, and of different aspects of Philippine cultures. 4cr; 60hr lec, TE 4.00 (HSL)

102 Beginning Filipino II
Prereq: FIL 101, or consent.
Continues FIL 101. Includes speaking, listening, reading, and writing skills of basic Tagalog. 4cr; 60hr lec, TE 4.00 (HSL)

261 Philippine Literature
Prereq: ENG 100 with grade C or better, or consent.
Surveys Philippine/Philippine literature from the early period to contemporary times. It will introduce canonical works and authors as well as major literary forms of the period. Selected literary pieces in English and in English translation are studied. 3cr; 45hr lec, TE 3.00 (DL)

Finance (FIN)
G. Logan
311 Investments
Prereq: BUS 310 and 318 both with grade C or better, or consent.
Introduces various investment media and capital markets. Topics include the analysis of security returns using techniques such as beta, risk factors, and portfolio theory. 3cr; 45hr lec, TE 3.00

Food Science & Human Nutrition
Prereq: ENG 22 with grade C or better, or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Provides an overview of the principles of nutritional science. Includes descriptions and functions of nutrients, digestion and absorption, effects of deficiencies and toxicities, requirements throughout the life cycle, food sources, nutrient interactions, dietary assessment, cultural sensitivity, sports nutrition, eating disorders, global health issues, drug interactions, and nutrition as it pertains to dental health. Required for UHMC Dental Hygiene program. 3cr; 45hr lec, TE 3.00 (DB)

Geographic Information Systems (GIS)
T. Botkin
150 Introduction to GIS/GPS
Prereq: GIS/ICS 150 (or concurrent), or consent. Introduces the geography’s tools, globes, atlases, maps, and aerial photographs. Uses laboratory investigation techniques to understand concepts of physical geography, special emphasis on Hawai‘i and on human modification of the environment. 1cr; 45hr lec, TE 2.50 (DY)

101 World Regional Geography
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Surveys the world’s major cultural regions. Explores economic, environmental, social, and political conditions from a geographical perspective. 3cr; 45hr lec, TE 3.00 (FGB)

Geology & Geophysics (GG)
D. Grooms
101 Introduction to Geology
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Introduces the principles of physical geography including the composition and structure of the earth, its evolution over geologic time, and processes shaping the earth’s crust including continental drift, volcanism, earthquakes, and erosion. Field trips. 3cr; 45hr lec, TE 3.00 (DP)

101 Introduction to Geology Lab
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Uses global positioning system (GPS) technologies and advanced geographic information system (GIS) principles for data collection and analysis. Applies GIS techniques to develop geodatabases and computer-generated map layers for specific sites. Evaluates resource management decisions for natural ecosystem conservation and habitat restoration projects. 3cr; 45hr lec, TE 4.00

Geography (GEOG)
101 The Natural Environment
Surveys the natural environment: weather, climate, soil, vegetation, and landforms, with emphasis on Hawai‘i. Lab optional. 3cr; 45hr lec, TE 3.00 (DP)

101L The Natural Environment Laboratory
Prereq: GEOG 101 (or concurrent), or consent. Introduces the geography’s tools, globes, atlases, maps, and aerial photographs. Uses laboratory investigation techniques to understand concepts of physical geography, special emphasis on Hawai‘i and on human modification of the environment. 1cr; 45hr lec, TE 2.50 (DY)

102 World Regional Geography
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Surveys the world’s major cultural regions. Explores economic, environmental, social, and political conditions from a geographical perspective. 3cr; 45hr lec, TE 3.00 (HSL)

Geology & Geophysics (GG)
D. Grooms
101 Introduction to Geology
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Introduces the principles of physical geography including the composition and structure of the earth, its evolution over geologic time, and processes shaping the earth’s crust including continental drift, volcanism, earthquakes, and erosion. Field trips. 3cr; 45hr lec, TE 3.00 (DP)

101 Introduction to Geology Lab
Prereq: ENG 22 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at least MATH 82, or consent. Uses global positioning system (GPS) technologies and advanced geographic information system (GIS) principles for data collection and analysis. Applies GIS techniques to develop geodatabases and computer-generated map layers for specific sites. Evaluates resource management decisions for natural ecosystem conservation and habitat restoration projects. 3cr; 45hr lec, TE 4.00

Geography (GEOG)
101 The Natural Environment
Surveys the natural environment: weather, climate, soil, vegetation, and landforms, with emphasis on Hawai‘i. Lab optional. 3cr; 45hr lec, TE 3.00 (DP)

101L The Natural Environment Laboratory
Prereq: GEOG 101 (or concurrent), or consent. Introduces the geography’s tools, globes, atlases, maps, and aerial photographs. Uses laboratory investigation techniques to understand concepts of physical geography, special emphasis on Hawai‘i and on human modification of the environment. 1cr; 45hr lec, TE 2.50 (DY)

102 World Regional Geography
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Surveys the world’s major cultural regions. Explores economic, environmental, social, and political conditions from a geographical perspective. 3cr; 45hr lec, TE 3.00 (FGB)
104 Hawai‘i: Language Through Hula
Introduces conversational Hawaiian language through the medium of dance (hula) and song. Requires study, memorization, and close examination of Hawaiian vocabulary and simple sentence structure. 3crs, 45hrs, TE 3.00 (HI, DL)

201 Intermediate Hawaiian I
Prereq: HAW 102, or consent. Continues HAW 102. Uses advanced Hawaiian grammatical structure with emphasis placed on speaking Hawaiian. Practices translation of materials from classical Hawaiian literature. Devotes two out of five hours to drill and practice. Daily lab work determined by individual need. 4crs, 45hrs, 30hrs lec-lab, TE 4.17 (HI, HSL)

202 Intermediate Hawaiian II
Prereq: HAW 201, or consent. Introduces further advanced Hawaiian grammatical structures with emphasis placed on speaking Hawaiian. Drills translating materials from classical Hawaiian literature. Devotes two of five hours to drill and practice. Daily lab work determined by individual need. 4crs, 45hrs, 30hrs lec-lab, TE 4.17 (HI, HSL)

221 Hawaiian Conversation
Prereq: HAW 202, or consent. Practices systematic control of spoken Hawaiian. Further develops vocabulary for accurate, mature expression. 4crs, 45hrs, TE 3.00 (HI, HSL)

261 Hawaiian Literature in Translation
Prereq: ENG 100 with grade C or better, or consent. Surveys Hawaiian literature, including prose narration and poetry with reference to Polynesian and world themes and forms from pre-contact to discovery. Introduces a full range of Hawaiian stories, chants, poems, songs, and sayings which have been translated into English. 4crs, 45hrs, TE 3.00 (HL, DH)

176 History and Development of Hawaiian Music
Prereq: HAW 101 and HAW 107, both with a grade C or better, or consent. Focuses on the history and development of traditional and acculturated vocal and instrumental Hawaiian music. Discusses Hawaiian dance genres related to the music. Examines Hawaiian music and dance as an organization of sound and movement and as a product of culture and people. Uses sound recordings, video presentations, and live performances of the various music genres discussed. (Crosslisted as MUS 176) 4crs, 45hrs, TE 3.00 (HI, DH)

205 Hawaiian Music in Action
Prereq: HAW 101, or consent. Provides an orientation to traditional and contemporary Hawaiian practices and values. 3crs, 15hrs, TE 1.00 (HI, DH)

206 Hawaiian Studies (HWST)
Prereq: ENG 26 with grade C or better, or consent. Examines important historical points of Maui and Hawai‘i and identifies their unique flora and fauna, physical features, and times place in Hawaiian culture. Examines Hawaiian music and dance as an organization of sound and movement and as a product of culture and people. Uses sound recordings, video presentations, and live performances of the various music genres discussed. (Crosslisted as MUS 262) 3crs, 45hrs, TE 3.00 (HI, DH)

211 Hawaiian Ethnobotany
Prereq: HAW 102 and HAW 107, both with a grade C or better, or consent. Identifies endemic, indigenous, and Polynesian introduced flora of Hawai‘i. Examines the history and use of flora by the indigenous people. Reveals the relationship of gods/plants/man, and connects beliefs and practices with the intentional migration of specific plants. (Crosslisted as BOT 205) Meets Social Science requirement, not Natural Science requirement. 3crs, 45hrs, TE 3.00 (HI, DS)

211L Hawaiian Ethnobotany Lab
Prereq: HWST 211 or BOT 105, either with a C or better (or concurrent). Examines the sacred Hawaiian places of Maui, including accounts of mythical heroes, heiau, fishponds, wind and air, and the intentional migration of specific plants. (Crosslisted as BOT 205) Meets Social Science requirement, not Natural Science requirement. 3crs, 45hrs, TE 3.00 (HI, DS)

270 Hawaiian Mythology
Prereq: HAW 101 and HAW 102, or consent. Explores the mythological traditions and stories of the ancient Hawaiians. Examines the sacred Hawaiian places of Maui, including accounts of mythical heroes, heiau, fishponds, wind and air, and the intentional migration of specific plants. (Crosslisted as BOT 205) Meets Social Science requirement, not Natural Science requirement. 3crs, 45hrs, TE 3.00 (HI, DH)

286 Ka ho‘ola‘ao: Aloha ‘aina
Prereq: HWST 107 or 231, either with grade C or better, or consent. Explores the sacred Hawaiian places of Maui, including accounts of mythical heroes, heiau, fishponds, wind and air, and the intentional migration of specific plants. (Crosslisted as BOT 205) Meets Social Science requirement, not Natural Science requirement. 3crs, 45hrs, TE 3.00 (HI, DH)

222 Ma‘awe: Hawaiian Fiber Arts
Prereq: HAW 211, or consent. Introduces contemporary, domestic and international Hawaiian issues within historical, social, cultural and political contexts. Engages students in research, question, critique, and development of their own critical analysis and commentary on diverse issues. 3crs, 45hrs, TE 3.00 (HI, DH)

231 Native Perspectives on Hawaiian Culture
Prereq: HAW 101, or HAW 101B, or HAW 101D, or HAW 101L, or consent. Provides theoretical understanding of working with adults and children with disabilities or neuropsychological disorders and community settings; supports families, parents and caregivers. Students learn to perform scenarios of therapeutic interventions and to work with therapists and allied health professionals who provide assessments, planning, and delivery of appropriate related services. Values promoted include family-centered care, cultural sensitivity, age-appropriate activities, functional skills, and collaborative teamwork. Prepares Therapeutic Activity Aides to work under supervision of a registered Physical Therapist. 4crs, 45hrs, TE 3.00

291 Modern Issues in Hawai‘i
Prereq: ENG 101 with grade C or better, or consent. Empowers students to become stewards and participate in the protection, restoration, and revitalization of Hawai‘i’s natural resources. At least 1cr of electives. 3crs, 45hrs, TE 3.00 (HI, DH)

301 Modern Issues in Hawai‘i
Prereq: ENG 101 with grade C or better, or consent. Empowers students to become stewards and participate in the protection, restoration, and revitalization of Hawai‘i’s natural resources. At least 1cr of electives. 3crs, 45hrs, TE 3.00 (HI, DH)

302 Pana Maui: Maui’s Sacred Hawaiian Places
Prereq: HIST 107 or 111 or 270, and HAW 101, or consent. Explores the sacred Hawaiian places of Maui, including accounts of mythical heroes, heiau, fishponds, wind and air, and the intentional migration of specific plants. (Crosslisted as BOT 205) Meets Social Science requirement, not Natural Science requirement. 3crs, 45hrs, TE 3.00 (HI, DH)

31 First Aid & Safety
Introduces standard first aid procedures. Describes immediate care given in case of an accident, sudden illness, or other medical emergency. Makes procedures to stop bleeding, treat poisoning, restore breathing, immobilize broken bones, and administer CPR. 1cr, 15hrs, TE 1.00
History (HIST)

A. Holowicki, L. Horowitz

151 World History to 1500
Prereq: ENG 22 with grade C or better, or placement at ENG 100; or consent.
A global and historical survey focusing on human societies and cross-cultural interactions to 1500 CE.
3cr; 45hr lec, TE 3.00  (FGA)

152 World History Since 1500
Prereq: ENG 22 with grade C or better, or placement at ENG 100; or consent.
A global and historical survey focusing on human societies and cross-cultural interactions since 1500 CE.
3cr; 45hr lec, TE 3.00  (FGB)

241 Civilizations of Asia I
Prereq: ENG 100 (or concurrent), or consent.
Interprets and compares the development and interaction of the political, economic, and cultural elements in the major civilizations of Asia from earliest times to contact with the West. 3cr; 45hr lec, TE 3.00  (DH)

242 Civilizations of Asia II
Prereq: ENG 100 (or concurrent), or consent.
Surveys the impact of Western civilization upon major civilizations of Asia and the Asian response to this impact.
3cr; 45hr lec, TE 3.00  (DH)

253 Contemporary World History
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Recommended: HIST 152.
Examines the political, cultural, economic, and technological history of the world from the end of WWII to the present.
3cr; 45hr lec, TE 3.00  (DH)

281 Introduction to American History
Prereq: ENG 100 (or concurrent), or consent.
Develops understanding of the progress of American culture up to the Civil War, an insight into America’s heritage, and a sensitivity to its ideals and realities.
3cr; 45hr lec, TE 3.00  (DH)

282 Introduction to American History
Prereq: ENG 100 (or concurrent), or consent.
Develops understanding of the progress of American culture since the Civil War, an insight into America’s heritage, and sensitivity to its ideals and realities.
3cr; 45hr lec, TE 3.00  (DH)

284 History of the Hawaiian Islands
Prereq: ENG 22 with grade C or better, or placement at ENG 100; or consent.
Surveys the history of the Hawaiian Islands from Polynesian chiefdoms to Hawaiian Kingdom to American territory and state. 3cr; 45hr lec, TE 3.00  (HI, DH)

288 History of the Pacific Islands
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Recommended: HIST 152 or ANTH 200.
Surveys the cultural areas of the Pacific from pre-contact to present day. Covers prehistoric migrational patterns, historical movements, and present day distributions, including western colonization and current problems.  (Crosslisted as ANTH 235.) 3cr; 45hr lec, TE 3.00  (DH)
Hospitality & Tourism (HOST)

L. Liu,  L. Peros

100 Career and Customer Service Skills
Recommended: Placement at ENG 100.
Focuses on the strategies and skills related to career success and customer satisfaction in the Hospitality & Tourism industry.
3cr; 45hr lec, TE 3.00

101 Introduction to Hospitality and Tourism
Provides an overview of the travel industry and related major business components. Analysis of links between hotel, food, transportation, recreation, and other tourism-related industries will be addressed.
3cr; 45hr lec, TE 3.00

120 Introduction to Culinary Arts
Prereq: CULN 112 with grade C or better (or concurrent), or consent.
Provides an overview of the culinary industry within the hospitality industry. Identifies and practices skills necessary in the professional kitchen.
2cr; 15hr lec, 45hr lab, TE 2.50

150 Housekeeping Operations
Recommended: HOST 101 with grade C or better.
Studies the professional management of housekeeping operations including practical applications and management skills required to ensure quality, service and effective performance.
3cr; 45hr lec, TE 3.00

152 Front Office Operations
Recommended: HOST 101 with grade C or better.
Studies the philosophy, theory, equipment, and current operating procedures of a hotel front office. Concentrates on the human relation skills necessary for effective guests and employee relations and the technical skills necessary to operate a manual, mechanical or computerized front office operation.
3cr; 45hr lec, TE 3.00

154 Food & Beverage Operations
Recommended: HOST 101 with grade C or better.
Introduces the basic principles of marketing, menu planning, service styles, nutrition, sanitation and safety, purchasing, and control systems as they apply to food and beverage management in an operational setting. Provides practical applications to effectively managing resources for food and beverage industry operations.
3cr; 45hr lec, TE 3.00

200 Hospitality Internship
Prereq: HOST 152 with grade C or better, or consent.
Provides a supervised field experience that is related to the student’s major or career goals. The experience will enable the student to apply knowledge and skills learned in coursework to the work environment.
(Letter grade only) 3cr; 225hrs/semester documented industry work

258 Hospitality Marketing
Prereq: HOST 101 with grade C or better, and ENG 22 with grade C or better or placement at ENG 100, or consent.
Provides students with essential knowledge and practical experience to develop strategic and operating marketing plans for hospitality properties. Emphasizes the marketing orientation as a management philosophy that guides the design and delivery of guest services. Examines the dynamic relationship between hospitality marketing and daily operations.
3cr; 45hr lec, TE 3.00

260 Hospitality Law
Prereq: HOST 101 with grade C or better, and ENG 22 with grade C or better or placement at ENG 100, or consent.
Focuses on legal aspects of the hospitality industry with emphasis on compliance and prevention of liabilities. Examines possible consequences of failure to satisfy legal obligations and provides specific perspectives on managing risk.
3cr; 45hr lec, TE 3.00

261 Events Management
Prereq: HOST 101 with grade C or better, or consent. Recommended: Placement at ENG 100.
Prepares students to plan and administer successful functions, special events, meetings, and conventions. Students explore topics such as venue selection, event goals and assessment, catering needs, sales, service, technology, programming and event staffing.
3cr; 45hr lec, TE 3.00

280 Hospitality Management
Prereq: HOST 101 with grade C or better, and ENG 22 with grade C or better or placement at ENG 100, or consent.
Examines the key principles of management in the hospitality industry. Focuses on leadership skillbuilding and decision-making processes within the various management levels of a hospitality organization. Explores management concepts, strategies, and tools essential for organizational effectiveness.
(Later grade only) 3cr; 45hr lec, TE 3.00

293 Hospitality & Tourism Internship
Prereq: HOST major; HOST 100 with grade C or better, or consent.
Provides a supervised field experience that is related to the student’s major or career goals. The experience will enable the student to apply knowledge and skills learned in coursework to the work environment.
(Letter grade only) 3cr; 225hrs/semester documented industry work

294 Hospitality and Tourism Internship Abroad
Prereq: HOST major; HOST 101 with grade C or better, or consent.
Provides a supervised field experience abroad that is related to the student’s major or career goals. The experience will enable the student to apply knowledge and skills learned in coursework to the work environment.
(Letter grade only) 3cr; 225 hrs/semester documented industry work

298 Hospitality Capstone
Prereq: Consent.
Integrates all the course work required for the HOST degree program. Explores a work-related management issue or operational problem in the hospitality industry. Analyzes, researches, and develops an in-depth strategy to resolve the issue or problem.
3cr; 45hr lec, TE 3.00
101 Community Health Worker Fundamentals
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Introduces the roles Community Health Workers play in Hawai’i’s and a broader public health system. Introduces the attributes, skills, and knowledge of the profession. 3 cr.; 45 hr lec, T/E 3.00

110 Introduction to Human Services
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Introduces the nature of human service programs from the person's environment and strengths perspectives. Studies federal, state and local human service responsibilities. Includes talks by agency representatives and field trips to agencies. 3 cr.; 45 hr lec, T/E 3.00

111 Community Action
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Develops a concept of human needs and examines how social institutions and communities provide for such needs. Views selected social problems in community settings and how communities, agencies, and organizational structures function to deal with them. Introduces social-cultural considerations and community action strategies. Participants will identify a community problem/need and develop and implement a proposal for action. 3 cr.; 45 hr lec, T/E 3.00

124 Hospitality & Tourism
International Internship
Prereq: Consent.
Provides an international work practicum opportunity for students to gain exposure to international work settings and cultures. Follows professional development strategies in diverse contexts (community agency settings, mental health and health care centers) and workplace behaviors (addictions and mental health, healthy lifestyle behaviors, chronic disease). 3 cr.; 45 hr lec, T/E 3.00

125 Hospitality and Tourism International Internship
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Introduces the core skills needed by youth practitioners. Focuses on basic communication skills, growth and development of adolescents, families and cultures and their roles in development, and youth with special needs. Develops teamwork and basic workforce skills. 3 cr.; 45 hr lec, T/E 3.00

140 Introduction to Counseling & Interviewing
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Recommended: HSER 101 or HSER 110. Provides a basic introduction to counseling theories and practice for those interested in helping professions. Provides opportunities to practice skills through role-playing. 3 cr.; 45 hr lec, T/E 3.00

145 Working with Older Adults
Prereq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: HSER 101 or HSER 110. Introduces students to the experience of aging and the issues affecting the elderly. Examines aging from developmental and person-in-environment perspectives. Identifies the socio-economic needs of the elderly, local and federal programs, and implications for the "soon-to-be-elderly." 3 cr.; 45 hr lec, T/E 3.00

256 Dynamics of Family Violence
Prereq: ENG 100 with grade C or better, or consent. Recommended: HSER 110. Provides an in-depth study of the problems, dynamics, and effects of family violence and examines current societal responses. Identifies the links between domestic and violent crime, contributing cultural and socialization factors. Reviews partner, child, and elder abuse within the family and multi-generational effects. Examines legal and ethical issues, and best-practices for intervention nationally and in our community. 3 cr.; 45 hr lec, T/E 3.00

268 Alcohol & Drug Education
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. Examines the use, misuse, abuse, and addiction including the impact of drug actions on the body, brain, mind and spirit. Emphasizes historical and psychosocial factors that may contribute to drug use and policies and interventions to address the problem. 3 cr.; 45 hr lec, T/E 3.00

270 Substance Abuse Counseling
Prereq: HSER 140 with grade C or better, or consent. Provides theoretical and experiential training in the prevention, intervention, and treatment applicable to a substance abuse population. Identifies ethical and legal issues of working with this population. 3 cr.; 45 hr lec, T/E 3.00

274 Seminar II/Fieldwork II
Prereq: Permission of instructor and HSER 194 with grade C or better, or consent. Provides advanced, individualized, in-service training in community-based human services agencies. Includes weekly seminar giving students the opportunity to discuss practical experiences. 3 cr.; 45 hr lec, T/E 3.00

248 Case Management
Prereq: HSER 140 with grade C or better, or consent. Provides knowledge and practical skills to become competent case managers in health and human services agencies. Students apply the Ecological Model. Strengths Perspective and effective interviewing skills to case management tasks including intake, assessment, service planning, care coordination, discharge, and follow-up. Examines individual and community capacity building, cultural competence, professional ethics and boundaries. 3 cr.; 45 hr lec, T/E 3.00

245 Group Counseling
Prereq: HSER 140 with grade C or better, or consent. Provides theoretical and experiential training in facilitating self-exploration and growth groups. Designed to provide understanding and experience in selecting group members, establishing group norms and goals, and goal setting, group processes, developing growth activities, promoting group and individual growth, and making appropriate group interventions. 3 cr.; 45 hr lec, T/E 3.00

241 Human Services (HSER)
T. Schlather, S. LeGare
1-3 cr.; 200 hr/cr supervised work
Offers a basic introduction to counseling and person-in-environment perspectives. Identifies the social service needs of the elderly, adolescents, family and cultures and their roles in development, and youth with special needs. Develops teamwork and basic workforce skills. 3 cr.; 45 hr lec, T/E 3.00

241 Humanities (HUM)
C. Gardner
100 Themes in Humanities
Gives the student a start toward viewing the arts as an expression of the meaning of life. Interweaves interpretations of history and a variety of works of poetry, drama, novel, painting, sculpture, music, and philosophy to illustrate mankind's changing awareness. 3 cr.; 45 hr lec, T/E 3.00

235 Diversity in Aging
Prereq: HSER 145 and ENG 100, both with grade C or better, or consent. Examines social and cultural diversity in the aging process. Identifies impacts of socioeconomic status, race/ethnicity, gender, sexual orientation, and religion/spirituality. Examines health disparities, cumulative advantage and disadvantage across the life course and access to government services and programs. 3 cr.; 45 hr lec, T/E 3.00

250 Women & Addiction: Why Gender Matters
Prereq: HSER 206, HSER 270, and ENG 100, both with grade C or better, or consent. Examines girls’ and women’s substance misuse/abuse dependence in a socio-cultural context through the Person-In-Environment and Strengths perspectives. Examines common pathways to addiction. Compares and contrasts physiological and psychological gender differences, impacts, and consequences in the addiction process. Assesses the uniqueness and needs of this population and gender-responsive strategies to meet those needs. Includes gender specific and cultural competent treatment trends in Hawai’i. 3 cr.; 45 hr lec, T/E 3.00

270 Trauma Informed Care
Prereq: HSER 248, HSER 270, and ENG 100, all with grade C or better, or consent. Examines trauma across the life span through the person-in-environ- ment perspective, including individual reactions, resilience, and community responses. Compares trauma informed care with traditional helping paradigms via exploration of best practice models and local programs. 3 cr.; 45 hr lec, T/E 3.00

235 Motivational Interviewing
Prereq: HSER 140 and ENG 100, both with grade C or better, or consent. Introduces the theoretical basis of Motiva- tional Interviewing. Focuses on develop- ing skills and strategies for using the model in diverse contexts (community agency settings, mental health and health care centers) and workplace behaviors (addictions and mental health, healthy lifestyle behaviors, chronic disease). 3 cr.; 45 hr lec, T/E 3.00

D. Bhattacharya, D. Kruse, F. Mabie
101 Digital Tools for the Information World
Emphasizes production of professional lev- el documents, presentations, databases, and webpages for problem solv- ing. Includes concepts, terminology, and a contemporary operating system. Meets requirements for UH Mānoa and UH Hilo College of Business and Marine Bioengineering and Biotechnology. 5 cr.; 45 hr lec, T/E 3.00

110 Intro to Computer Programming
Prereq or coreq: ICS 101 or BUN 150, either with grade C or better, or consent. Teaches fundamental programming concepts including sequential, selection, and repetition flow; variables and types; syntax; error types; debugging; and debugging. Includes algorithms, flow charts, UML, and other analytic tools. Explains and practices problem solving and critical thinking methods. 3 cr.; 45 hr lec, T/E 3.00

111 Intro to Computer Science I
Prereq: ICS 110 with grade C or better and MATH 103 with grade C or better or placement at least MATH 103; and ENG 19 with grade C or better or placement at least ENG 22; or consent. Introduces problem solving using computers. Provides a background for students entering sciences, engineering, or other fields that require a background in computer programming. Teaches the basics of the computer hardware/software interfaces. Includes programs, applications, and compilers. Introduces programming concepts, algorithms, and problem solving techniques using high-level object-oriented programming languages. Meets ACM CS I course requirements. 3 cr.; 60 hr lec, T/E 4.00

141 Discrete Mathematics for Computer Science I
Prereq: MATH 103 with grade C or better, or consent. Provides instruction for logic, sets, func- tions, matrices, algorithmic concepts, mathematical reasoning, recursion, counting techniques, and probability theory. 3 cr.; 45 hr lec, T/E 3.00
160 Introduction to Computer Graphics
Prep: ICS 101 or BUSN 150, or consent. Introduces computer graphics tools and concepts in digital image editing, illustration graphics, print and web design, and 2D and 3D animation. (Consoliated as ART 165.)

161 Introduction to Information Security
Prep: ICS 101 with grade C or better, or consent. Provides the basic foundation to information security, including system threats, planning for business continuity, and preparing for various security attacks. Focus will be given to threats to financial security such as attacks on banking and other related financial information. Special emphasis on ethics and legal issues that cover hacking and other cybersecurity techniques and tactics. 3cr; 45hr lec, TE 3.00

162 Information Security II
Prep: ICS 184 or ETRO 140, either with grade C or better (or concurrent), and ICS 169 with grade C or better, or consent.
Examines the essentials of computer security, including risk management, use of encryption, activity monitoring, intrusion detection, and implementation of security policies and procedures to aid in security administration. 3cr; 45hr lec, TE 3.00

163 Introduction to Networking
Prep: ICS 101 or BUSN 150, or consent. Provides the student with the knowledge and skills to manage, troubleshoot, install, operate and configure basic network infrastructure, as well as to describe networking technologies, basic design principles, and adhere to writing standards and use testing tools. 3cr; 45hr lec, TE 3.00

214 Fundamentals of Design for Print and Web
Prep: ICS 110 or BUSN 150, or consent. Introduces design principles related to graphic design terminology, tools and methods. Includes graphic design, and wireframe concepts. Topics include integration of type, images, and other design elements, developing computer skills in industry standard programs, and study of design development pertaining to color theories, publications, and advertising. Projects will emphasize a method of content to communicate through selection, creation and integration of typographic, digital imaging, illustration, and design elements in print and web environments. (Consoliated as ART 221.)

241 Discrete Mathematics for Computer Science
Prep: ICS 161 with grade C or better, or consent. Provides the basic foundation of finite, discrete and combinatorial mathematics used to model and solve problems, particularly those arising in computer science. Use of logic, induction, counting, recursion, graphs, trees, permutations, combinations, and linear algebra.

251 Introduction to Unix/Linux
Prep: ICS 161 with grade C or better, or consent.
Examines the Unix/Linux operating system with emphasis on the Red Hat Linux release. Covers the file system structure of Unix/Linux, basic functions, and fundamental commands. Explores advanced topics unique to Unix/Linux system administration. Stresses the ethics and responsibilities incumbent with Super User privileges.

261 Intermediate Computer Graphics
Prep: Either ICS 164 or ART 140, and either with grade C or better, or consent.
Provides instruction with the tools and concepts of computer graphics utilizing digital media technology. Offers experience that integrates digital image editing, illustration graphics, print publishing, web authoring, 2D, and 3D animation.

272 Digital Imaging & Animation
Prep: ICS 164 or ART 140, or consent. Develops 2D computer graphics as elements for 3D projects. Compiles digital imaging and illustration using natural media tools; filters, composing, templates for 3D project scenes, texture-mapping, and source files. Outlines 2D modeling and animation concepts, tools, and techniques for project development.

281 Ethical Hacking
Prep: Either ICS 164 or ETRO 140, and ICS 169, both with grade C or better, or consent. Studies the basic ethical hacking techniques also known as white hat hacking. It stresses the moral and legal issues about hacking and how these techniques can be used to safeguard against threats as well as to perform authorized system security evaluation testing. 3cr; 45hr lec, TE 3.00

283 Advanced Computer Graphics Design
Prep: ICS 261 or ART 218, or consent. Reviews history, development, technology, and creative approaches of digital tools. Summarizes design theory. Emphysems software use to achieve concepts, and subjective project solutions. Originates and manages the preproduction, production, postproduction of projects in print, web, digital imaging, illustration, and animation. Assembles projects into traditional, content, and digital portfolio. Analyzes professional issues for careers in digital media: resume, portfolio, exhibiting, personal web site, employment and professional organization. 3cr; 45hr lec, TE 3.00

319 Operating Systems
Prep: ICS 111, ICS 200, and MATH 203/205, all with grade C or better, or consent.
Covers concepts, issues, and design of modern operating systems. Analyzes processes and state, concurrency, resource management algorithms for memory, processors and I/O devices, protection, and security. Develops case studies of popular desktop and server operating systems. Conducts lab projects and teaches OS installation and administration techniques. 3cr; 45hr lec, TE 3.00

320 Introduction to Information Systems & E-Commerce
Prep: ICS 101 or BUSN 150, either with grade C or better, or consent.
Introduces general concepts of information systems and e-commerce. Includes key business applications, e-commerce and the Internet, system development, outsourcing, networking, and data communications, data and databases, and security. Includes relevant projects. 3cr; 45hr lec, TE 3.00

352 Networks and Security
Prep: ICS 111, ICS 200, and MATH 203/205, all with grade C or better, or consent.
Provides detailed knowledge of the internet and its capabilities. Exposes details of HTTP, TCP/IP, internet and wireless 802.11 router, switches, and NAT; network and wireless security; practical experience in designing and implementing networks. Laboratory projects teach network design and administration. Discusses intermediate level topics on computer security. Examines legal, ethical, and technology issues in computer access, confidentiality, authentication, privacy and intellectual property. 3cr; 45hr lec, TE 3.00
360  Database Design & Development
Preq: ICS 320 with grade C or better, or consent.
Provides detailed knowledge of data-base design and development. Develops data models, both relational and object oriented. Examines relational database management systems and how they facilitate data-base design and development using SQL. Explains client/server systems and web access to databases. 3cr; 60hr lec, TE 3.00

385  Web Development and Administration
Preq: ICS 320 with grade C or better, or consent.
Provides detailed knowledge of web page authoring. Demonstrates scripting in operating systems, web pages, server-side application integration, regular expressions, event handling, input validation, selection, repetition, parameter passing. Develops an e-commerce web site that uses a standard browser to accept user input, processes the user input with business logic, and connects to a back-end SQL database. Discusses topics in web site administration. Covers site management (operating system, web server and database installation and administration); security (crypto-technology, authentication, digital certificates); and content (site design and business considerations). 3cr; 45hr lec, TE 3.00

418  Systems Analysis & Designs
Preq: ICS 360 and ICS 385, both with grade C or better, or consent.
Provides detailed knowledge of system specification, modeling and analysis, prototyping, hierarchical design, program design methods, cost estimation and project management, computer-aided software de-sign. Emphasizes planning, analysis, and design phases. System Development Life Cycle with one model of the SDL model covered. Demonstrates learning tools and techniques for sound requirement determination and, working as a team, produces a verified design of a web-based software product. 3cr; 45hr lec, TE 3.00

463  Human Computer Interaction
Preq: ICS 320 and MATH 145, or consent.
Application of concepts and methodologies of human factors, psychology and software engineering to address ergonomics, cognitive, and social factors in the design and evaluation of human-computer systems. 3cr; 45hr lec, TE 3.00

Interdisciplinary Studies (IS)
J. Pataoo

1035C  Professional Employment Preparation
Facilitates employment search by emphasizing professional techniques and standards. Preparatory to preparation of application forms, resumes, cover letters, and employment interviews. (Coordinated with BUSN 166). 1cr; 15hr lec, TE 1.00

106  College Orientation I
Develops knowledge, skills, and attitudes associated with personal, academic, and career success. Provides overviews of college policies, procedures, and curricular offerings. Develops communication and teamwork skills. Encourages contacts with students, faculty, and staff. Strongly recommended for entering students. 3cr; 45hr lec, TE 2.00

107  College Orientation II
Prereq or cogrp 150, or consent.
Integrates, practices, and applies knowledge, skills, and attitudes associated with personal, academic, and career success. Integrates and applies communication and teamwork skills. Encourages contacts with students and staff as well as community and campus service. Strongly recommended for entering students. 1cr; 15hr lec, TE 1.00

104C  Transitions: Personal
Focuses on developing the understanding that it is essential for human beings to work together. Teaches how to work as a productive member of a successful team. Develops critical thinking and problem solving skills. Teacher and practice the role of the supervisor in implementing a solution, and recognizing and producing quality performance and quality products. 1cr; 15hr lec, TE 1.00

105  Career/Life Exploration & Planning
Prepares student for effective career/life exploration, planning and decisions. Emphasizes self-assessment, world of work information, survey of occupational clusters and related academic preparation. Critical evaluation of self-assessed interests, and values and decision-making. Students cannot take both IS 105 and IS 105B for credit toward a degree. 4cr; 60hr lec, TE 4.00 (HSL)

105B  Personal Assessment
Assists student in evaluating their interests, values, abilities, lifestyles, and other factors relating to career choice. Provides students with an opportunity to develop career decision-making skills. Students cannot take both IS 105 and IS 105B for credit toward a degree. 1cr; 15hr lec, TE 1.00

Japanese (JPNS)

101  Elementary Japanese I
Introduces speaking, listening, reading, and writing skills of beginning Japanese. Includes basic sentence structures. Daily practice highly recommended. 4cr; 60hr lec, TE 4.00 (HSL)

102  Intermediate Japanese I
Prepr: JPNS 101, or consent.
Second level course in Japanese listening, reading, speaking, and writing. Introduces more advanced grammatical patterns and vocabulary words. Daily practice highly recommended. 4cr; 60hr lec, TE 4.00 (HSL)

102B  Intermediate Japanese II
Prepr: JPNS 201, or consent.
Continues JPNS 201. Introduces construction of major grammatical patterns of standard Japanese. Daily practice highly recommended. 4cr; 60hr lec, TE 4.00 (HSL)

Journalism (JOUR)

205  News Writing
Prepr: Basic keyboarding skills of 50 wpm and ENG 201, or consent.
Introduces the fundamentals of news style, reporting and ethics. Provides practical experience in news gathering and writing. 3cr; 45hr lec, TE 3.00

Learning Skills (LSK)
E. Engen

30  Study Skills
Recommended: ENG 10 or placement at ENG 19.
Develops effective learning skills for success in career and technical as well as general education classes. Focuses on organization, time management, note-taking, test-taking, and communication, including reading, writing, listening, and speaking. Includes use of library and Learning Center for individual improvement. (A-F, N, W grade only). 3cr; 45hr lec, TE 3.00

110  College Learning Skills
Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Enhances students’ abilities to succeed academically. Investigates communica-tion and organizational skills, methods of inquiry, creative thinking skills, cognitive learning styles, and academic and commun-ity resources. 3cr; 45hr lec, TE 3.00

Linguistics (LING)

102  Introduction to the Study of Language
Prepr: ENG 100 or 102, or placement at ENG 100, or consent.
Investigates the nature and workings of language: its composition (sound system, grammatical structure, and lexicon), representation (oral and written), and divergence (relationships between languages of the world). General linguistic principles applicable to all languages will be covered. 3cr; 45hr lec, TE 3.00 (DM)

105  Small Equipment Repair
Introduces the repair and maintenance of small engines, appliances, garden equip-ment, and similar tools. Examines troubleshooting techniques and emphasizes repair fundamentals. 2cr; 60hr lec-lab, TE 2.50

108  Air Conditioning and Refrigeration
Studies air conditioning systems of residen-tial and commercial buildings. Explores various types of refrigeration systems popular today. Introduces concepts of designing, testing, troubleshooting, and balancing such systems. 2cr; 60hr lec-lab, TE 2.50

Preventive Maintenance
Explores principles of preventive main-tenance: records maintenance, replacement schedules, rust prevention, and equipment maintenance and servicing. 2cr; 60hr lec-lab, TE 2.50
120 Principles of Marketing
Prep: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: ENG 22 with grade C or better or placement at ENG 180.
Introduces marketing concepts and the application to the process of marketing products, services, and ideas, to provide value and benefits to both for-profit and non-profit organizations. Students will develop an understanding of the marketing process, analyze marketing opportunities, and develop strategies to fulfill the needs of target markets.
3cr; 45hr lec, TE 3.00

160 Advertising & Promotion
Prep: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: ENG 22 or placement at ENG 180.
Introduces the principles of advertising and promotion, including sales promotion, publicity, public relations, and retailing, and their relationship to the marketing system. Stresses strategies of informing, persuading, and integrating information to create a positive image.
3cr; 45hr lec, TE 3.00

285 Internet/Social Media Marketing
Prep: BUS 70 or ICS 101, and MKT 120, both with grade C or better, or consent. Recommended: MKT 160.
Examines the use of internet as an effective marketing tool to enhance customer relationships and strengthen brand awareness.
Examines how emotionally driven emerging internet technologies and social media are increasing marketing effectiveness and efficiency. Covers development of an internet marketing plan.
3cr; 45hr lec, TE 3.00

400 Marketing for a Digital Age
Prep: MKT 100 with grade C or better, or consent.
Examines how startups and small-medium companies reach the marketplace and sustain their businesses within highly competitive industries. Recognizes the need of management to operate flexibly, making maximum effective use of scarce resources in terms of people, equipment, funds, and the opportunities that exist within new and established market niches.
3cr; 45hr lec, TE 3.00

Mathematics (MATH)

72 Principles of Marketing
Prep: ECON 110 and ECON 131, both with grade C or better, or consent.
Applies the fundamental principles of successful marketing, including segmentation, targeting, product development, positioning, packaging, placement, promotion, and service building and development of marketing plans. Explores the impact of marketing of goods and services using the Internet, the World Wide Web, and other technologies as they emerge.
3cr; 45hr lec, TE 3.00

100 Survey of Mathematics
Prep: MATH 75X with grade C or better or placement at least MATH 100, and ENG 100 with grade C or better (or concurrent), or consent. Recommended: At least 11th grade reading skills.
Acquaints non-mathematical with examples of mathematical reasoning. Explores selected topics such as numeration systems, consumer math, linear and exponential growth, inductive patterns, mathematical art, probability, statistics, set theory, and logic.
3cr; 45hr lec, TE 3.00 (FQ)

103 College Algebra
Prep: MATH 111 with grade C or better or placement at least MATH 103, and ENG 100 with grade C or better or placement at ENG 100, or consent. Recommended: At least 11th grade reading skills.
Introduces graphs and linear functions. Analyzes and interprets the behavior and nature of functions including linear, polynomial, exponential, and logarithmic functions, rational functions, and piecewise defined functions; solves systems of equations; solves application problems.
3cr; 45hr lec, TE 3.00 (FQ)

111 Mathematics for Elementary Teachers I
Prep: MATH 75X with grade C or better or placement at least MATH 103, and ENG 22 with grade C or better or placement at ENG 100, or consent.
Explores mathematical ideas, problem solving, and develop strategies to fulfill the needs of target markets. Focuses on operations and their properties, sets, counting, patterns, and algebra.
3cr; 45hr lec, TE 3.00

82 Accelerated Algebra
Prep: MATH 75X with grade C or better or placement at least MATH 82, or consent. Recommended: Placement reading at least ENG 21.
Covers elementary algebra topics. Includes operations with real numbers, linear equations and inequalities; graphing; linear systems of equations; properties of exponentials and polynomials; factoring; rational expressions and equations; roots and radicals; quadratic equations; and applications. (A-F, N, W grades only.)
4cr; 60hr lec, TE 4.00

98 College Algebra Companion
Prep: Placement at MATH 88, or consent. Coreq: MATH 103.
Provides students with supplemental mathematics instruction as a corequisite that supports topics covered in MATH 103.
Credit/No-Credit grade only.
2cr; 30hr lec, TE 2.00

112 Mathematics for Elementary Teachers II
Prep: MATH 111 with grade C or better, or consent.
Demonstrates operations and develops the properties of the natural numbers, integers, rational numbers, and real numbers. Explores the use of mathematical operations to solve problems, including geometry, probability, and physical rates.
3cr; 45hr lec, TE 3.00 (FQ)

115 Introduction to Statistics and Probability
Prep: MATH 112 with grade C or better or placement at least MATH 115, and ENG 100 with grade C or better (or concurrent), or consent.
Utilizes basic statistical topics including measures of central tendency and dispersion, classification of variables, sampling techniques, elementary probability, normal and binomial probability distributions, tests of hypothesis, linear regression and correlation in order to solve problems.
3cr; 45hr lec, TE 3.00 (FQ)

119 Engineering Precalculus
Prep: MATH 112 with grade C or better, or placement at MATH 135, and ENG 100 with grade C or better (or concurrent), or consent.
Studies linear, polynomial, rational, exponential, logarithmic, and trigonometric functions, matrices and determinants, polynomial vectors, coordinates, vectors, complex numbers, ratio and proportion, sequences and series related topics with emphasis in applications in electronics and computer engineering technologies.
4cr; 60hr lec, TE 4.00

120 Principles of Marketing
Prep: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Recommended: ENG 22 with grade C or better or placement at ENG 180.
Introduces marketing concepts and the application to the process of marketing products, services, and ideas, to provide value and benefits to both for-profit and non-profit organizations. Students will develop an understanding of the marketing process, analyze marketing opportunities, and develop strategies to fulfill the needs of target markets.
3cr; 45hr lec, TE 3.00

241 Calculus I
Prep: MATH 231 or 235 with grade C or better, or consent.
Extends the study of functions of several variables with the differentiation and integration of transcendental functions, techniques of integration, applications, and infinite series. (Formerly MATH 231.)
3cr; 45hr lec, TE 5.00 (FQ)

242 Calculus II
Prep: MATH 235 or 241 with grade C or better, or consent.
Extends and completes the calculus on a single real variable with the differentiation and integration of transcendental functions, techniques of integration, applications, and infinite series. (Formerly MATH 235.)
4cr; 60hr lec, TE 4.00 (FQ)

243 Calculus III
Prep: MATH 235 or 241 with grade C or better, or consent.
Studies functions of several variables including vectors, vector functions, the calculus on these functions, and 3-dimensional analytic geometry. (Formerly MATH 233.)
3cr; 45hr lec, TE 5.00 (FQ)

244 Calculus IV
Prep: MATH 233 or 243 with grade C or better, or consent.
Studies the solutions of functions with multiple variables with multiple integrals and vector analysis. Studies the solutions of elementary differential equations. (Formerly MATH 235.)
3cr; 45hr lec, TE 3.00 (FQ)
114H Hawaiian Chorus
Recommended: Previous vocal experience may be helpful.
Introduces basic vocal group performance. Studies ancient to modern Hawaiian songs.
2cr; 15hr lec, 30hr lec-lab, TE 2.50

121C Elementary Class Piano I
Prereg: Access to a piano or keyboard.
Designed for beginning pianists or for musicians who play another instrument.
Develops understanding of concepts of melody, rhythm, harmony and form using simple songs. Develops basic keyboard technique by covering fingering, hand position, hand coordination, simple reading and sight-singing exercises. (Cannot be audited.)
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121D Elementary Guitar Class I
Prereg: Guitar in playable condition.
Introduces classroom instruction in guitar playing. Develops basic guitar technique by covering hand positions, fingering, scales, chords, and arpeggios. Teaches music reading. Applies reading skills to performance. Introduces a variety of guitar literature.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121F Elementary Slack Key Guitar
Prereg: Regular access to a steel or nylon-string guitar in adequate condition for class use and practice.
Recommended: Prior musical performance experience, preferably with guitar, 'ukulele or a similar stringed instrument.
Examines the history, development, and influential performers of Hawaiian slack key guitar, and introduces repertoire, tunings, and performance techniques that students will demonstrate during in-class and outside performances.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121G Elementary Hawaiian Steel Guitar
Prereg: Regular access to a steel guitar in adequate condition for class use and practice.
Recommended: Prior musical performance experience and an understanding of basic music theory and harmony.
Expands the study of performance in melody, and as a product of culture and people.
3cr; 45hr lec, TE 3.00 (DH)

114 College Chorus
Recommended: MUS 123 or 124. No previous choral experience required. Introduces performance of choral literature from the Renaissance to the present. Includes fundamentals of music and voice training. (May be repeated without limit for credit.)
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121B Beginning 'Ukulele I
Recommended: Students must provide their own 'ukulele in good playable condition and have internet access.
Introduces Hawaiian-style ukulele playing. Students learn to play the 'ukulele through a selection of representative music, including, but not limited to, Hawaiian and American songs. An introduction to ukulele history is included. No prior experience necessary.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121C Elementary Class Piano II
Prereg: MUS 121C with grade C or better, or consent. Must have access to piano or keyboard.
Develops basic keyboard skills established during the first semester, including both reading and playing by ear. Repertoire expands to a variety of styles, including classical, pop, jazz, and rock. (Cannot be audited.)
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121C Elementary Class Piano II
Prereg: MUS 121C with grade C or better, or consent. Must have access to piano or keyboard.
Develops basic keyboard skills established during the first semester, including both reading and playing by ear. Repertoire expands to a variety of styles, including classical, pop, jazz, and rock. (Cannot be audited.)
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121D Elementary Guitar Class II
Prereg: MUS 121D, or consent.
Requires a guitar in playable condition.
Intermediate guitar, ensemble and solo playing. Introduces sight reading and guitar skills in intermediate music. Students must own or have access to a guitar in adequate condition for class use and practice. Develops a Hawaiian music repertoire and performance skills. Students will be assigned to a group that will be mentored by faculty and established guest musicians, and will perform both in-class and outside the classroom. (Cannot be audited.) May be repeated once for credit.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

121E Intermediate Hawaiian Steel Guitar
Prereg: MUS 121G with grade C or better, or consent. Students must own or have regular access to a steel guitar in adequate condition for class use and practice.
Recommended: Prior musical performance experience and an understanding of basic music theory and harmony.
Expands the study of performance in melody, and as a product of culture and people.
3cr; 45hr lec, TE 3.00 (DH)

117 History and Development of Hawaiian Music
Prereg: HAW 101 and HWS 107, both with a grade C or better, or consent.
Focuses on the history and development of traditional and acculturated vocal and instrumental Hawaiian music. Discusses Hawaiian dance genres related to the music.
Examines Hawaiian music and dance as an organization of sound and movement and as a product of culture and people.
Uses sound recordings, video presentations, and live performances to understand and interpret musical genres discussed. (Constituted as HWS 176.)
3cr; 45hr lec, TE 3.00 (HI, DH)

119 Basic Theory and Aural Skills
Recommended: MUS 108. Teaches basic concepts of music theory, notation, and reading applied to dictation and sight-singing. Introduces reading and singing-to-singing to students with no prior musical training. Develops listening and writing skills necessary to compose music.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

203 Instrumental Ensemble
Prereg: MUS 108 or MUS 203 with grade C or better.
Rehearsal and performance group for instrumentalists. Repertoire ranges from the Renaissance and Baroque to contemporary music, including major works for chorus and opera. (Cannot be audited.)
3cr; 50hr lec-lab, TE 1.67 (DA)

204 Intermediate Piano Class
Prereg: MUS 122C and 122D, or consent.
Further develops basic keyboard skills established during the first two semesters, including both reading and playing by ear. Explores repertoire to a variety of styles, including classical, pop, jazz, and rock. Provides experience playing solo in a recital.
2cr; 15hr lec, 30hr lec-lab, TE 2.50 (DA)

211 Introduction to Music Technology
Recommended: MUS 108, 121C, or 121D. Intended for education majors.
Introduces use of technology.
3cr; 45hr lec, TE 3.00 (DA)

227 Digital Recording Techniques
Prereg: MUS 271, or consent.
Recommended: MUS 108, 121C, 121D, or JCS 261, or TCMD 261.
Focuses specifically on digital audio recording and processing techniques on the Pro Tools HD platform as they apply to the audio arts and sciences.
Explores the roles of engineer and producer in the digital audio studio environment.
3cr; 45hr lec, TE 3.00 (DA)
Nursing (NURS)


12 ARCH: Diseases, Special Diets, Medications

Recommended preq or req: NURS 100. Prepares the adult residential care home operator to assist in the provision of occupa- tional, physical, recreational, and dier- sional therapy. Identifies the operator’s role in fostering mental health and care of the mentally ill and mentally retarded. 1cr; 15hr lec, TE 1.00

13 ARCH: Helping Therapies & Behavioral Management

Recommended preq or req: NURS 100. Prepares the adult residential care home operator to assist in the provision of occupa- tional, physical, recreational, and dier sional therapy. Identifies the operator’s role in fostering mental health and care of the mentally ill and mentally retarded. 1cr; 15hr lec, TE 1.00

14 ARCH: Regulations, Accounts, Community Resources

Recommended preq or req: NURS 100. Prepares adult residential care home opera- tor to implement specied regulations of Chapter 100, prepare simple accounting records, and identify community resources available to resident operators. 1cr; 15hr lec, TE 1.00

100 Nurse Assistant

Preq: ENG 19 with grade C or better, or placement at least ENG 22, or consent. Prepares nurse assistants to care for acute, semi-acute, or convalescent clients in the hospital, long-term care, or home setting. Prepares nurse assistant to work under the supervision of a registered or practical nurse. Serves as a beginning level health care course for those interested in the health care field. Prepares nurse assistants for national certiication. (Letter grade only.) 6cr; 60hr lec, 90hr lab, TE 6.2

210 Health Promotion Across the Life Span

Preq: Admission to the Nursing Program. Focuses on identifying needs of the total person across the life-span in a wellness/ health promotion model of care. Intro- duces the role of the nurse in upholding code of ethics, and the nursing process with emphasis on learning self-health and client health practices. To support self and client health practices, students learn to access research evidence about health and illness, patterns and risk factors for disease/illness, apply growth and development theory, interview clients in a culturally sensi- tive manner, and work as a member of a multidisciplinary team utilizing reective thinking and self-analysis. (Letter grade only.) 9cr; 45hr lec, 270hr lab, TE 13.13

211 Professionalism in Nursing I

Preq: Admission to the Nursing Program. Focuses on the history of nursing practice and education. Emphasizes the ethical and legal aspects of nursing and the profession- al responsibilities in the practice of nursing. Nursing Professional Fee required. (Letter grade only.) 1cr; 15hr lec, TE 1.00

212 Pathophysiology

Preq: Admission to the Nursing Program. Introduces nursing students to patho- physiologic concepts which serve as a foundation to understanding the basis of illness and injury and their corresponding spectrum of human response. These concep- ts will serve as a foundation for the formulation of clinical decisions and care planning. Nursing Professional Fee required. (Letter grade only.) 3cr; 45hr lec, TE 3.0

220 Health and Illness I

Preq: NURS 210, 211, and 212, all with grade C or better or consent. Introduces assessment and common interventions (including technical skills) for clients with illnesses common across the life span, as well as those prevalent in Hawai‘i. The client and family understand- ing and acceptance of their illnesses, coupled with clinical practice guidelines and evidence-based research are used to guide clinical judgments in nursing care. Roles of the interdisciplinary team, legal aspects of delegation, cultural issues, ethical issues, health policy, and health care delivery systems are explored in the context of nursing care. Nursing Professional Fee required. (Letter grade only.) 5cr; 30hr lec, 153hr lab, TE 6.88

220B Health and Illness I B

Preq: NURS 220B with grade C or better (or concurrent, or consent). Introduces assessment and common interventions (including relevant technical procedures) for care of clients across the lifespan, including pregnancy and childbirth. In this course the client is the client and is viewed in both health and illness. Nursing practice is guided by combinations of family theories and as- sociated assessment tools. Clinical practice guidelines and/or standardized procedures in normal developmental processes of the family and in disease and illness are considered in relationship to their impact on providing culturally sensitive client- centered care. (Letter grade only.) 10cr; 60hr lec, 270hr lab, TE 13.75

220C Health and Illness II

Preq: NURS 220B with grade C or better. Builds on Health & Illness I & II, focusing on more complex and/or unstable client care situations some of which require strong rec- ognition skills and rapid decision making. The evidence base supporting appropriate focused assessment and effective, eicient nursing interventions for cardiac and respiratory system. Application of the nursing process to specific cardiac and respiratory disorders. (Letter grade only.) 5cr; 60hr lec, TE 9.00

230 Clinical Immersion I

Preq: NURS 210B with grade C or better. Focuses on monitoring a variety of subjec- tive and objective data, identifying obvious patterns and deviations, and developing prioritized intervention plans for specic populations. Implements new nursing skills in conjunction. Develops own beginning leadership abilities and acknowled- ges delegation as needed modility to improve client care. (Letter grade only.) 4cr; 15hr lec, 153hr lab, TE 6.25

261 Advanced Electro-Cardiogram Interpretation

Preq: Licensed RN or LPN, or consent. Develops advanced nursing theory related to interpretation of 12-lead EKG. Focuses on EKG changes that occur with myocardial infarction, atrial and ventricular arrhythmias, atrial and ventricular pacemaker, defibrillation, and cardiover- sion. 1cr; 15hr lec, TE 1.00

301 Introduction to Evidence-Based Practice & Health Promotion

Preq: Registered Nurse License, or consent. Introduces the Hawai‘i Statewide Nurs- ing Consortium (HSNC) competencies and spiral of concepts and knowledge of커스, the purpose of student responsibility for learning. Places emphasis on research evidence to support nursing care. (Letter grade only.) 3cr; 45hr lec, TE 3.00

320 Health & Illness II: Family Health

Preq: NURS 210 with grade B or better. Introduces the learner to assessment and common interventions (including relevant technical procedures) for care of clients across the lifespan, including pregnancy and childbirth. In this course the family is the client and is viewed in both health and illness. Nursing practice is guided by combinations of family theories and as- sociated assessment tools. Clinical practice guidelines and/or standardized procedures in normal developmental processes of the family and in disease and illness are considered in relationship to their impact on providing culturally sensitive client- centered care. (Letter grade only.) 10cr; 60hr lec, 270hr lab, TE 13.75

362 Advanced Cardio-Pulmonary Theory

Preq: NURS 210B with grade B or better. Develops advanced nursing theory related to the care of the client and the supports of significant others for clients with cardiopul- monary dysfunction. Focuses on anatomy, physiology and physical assessment of the cardiac and respiratory system. Application of the nursing process to specific cardiac and respiratory disorders. (Letter grade only.) 5cr; 60hr lec, TE 9.00

Occupational Safety & Health (OSH)

C. Rutherford

10 Occupational Safety & Health for Construction

Introduces construction industry workers to their rights employer responsibilities, and how to file a complaint as well as how to identify, abate, avoid, and prevent job re- lated hazards. Students will receive OSHA 10 Hour Training for Construction card upon completion of this course with grade C or better. 1cr; 15hr lec, TE 1.00

20 Occupational Safety & Health for General Industry

Introduces general industry workers to their rights, employer responsibilities, and how to file a complaint as well as how to identify, abate, avoid, and prevent job re- lated hazards. Students will receive OSHA 10 Hour Training for General Industry card upon completion of this course with grade C or better. 1cr; 15hr lec, TE 1.00

Oceanography (OCN)

64 Hawaiian Marine Life Identification

Recommended: Enrollment in Marine O- ption Program. Teaches dier identication of dier, intertidal, and marine algae. Studies ecology of coral reef species. Requires memo- rization of scientic names. Teaches dier identication in the classroom and in the ocean for further research projects. Course does not fulfills Natural Science core require- ments. Tis course does fulfills requirements for acceptance into Quantitative Underwater Eological Surveying Techniques (QUEST). 3cr; 45hr lec, TE 5.00

101 Intro to Marine Option Program

Explores the University of Hawai‘is system wide Marine Option Program through HITS interactive television, discussions, and eld trips. Course does not fulfills Natu- ral Science core requirements. 1cr; 15hr lec, TE 1.00

140 Open Water SCUBA Certification

Covers the full spectrum of diving activi- ties. Discusses equipment and its mainte- nance, dive physics and safety procedures, dive planning, dive tables, and environmental conditions. Teaches skills through use of classroom lectures and open-water sessions, including seven ocean dives. Students successfully completing the course receive an Open Water Certification card from an internation- ally recognized SCUBA training organization. Total out of $455 includes equipment rental, textbook, workbook, diving logbook and tables, and certication. (Credit/No Credit only.) 2cr; 90-120 hours

191 Field Experience in Marine Naturalist Training

Preq: Enrollment in Certificate of Compe- tence Marine Naturalist I or II program or Marine Option Program, or consent. Provides internship experiences in marine-related agencies and businesses. Does not fulfills Natural Science core requirement. (May be repeated for a maximum of 9 cred- its.) 1cr; 1-50hrs lab/credit
102 Introduction to Philosophy: Asian Traditions
Prepar: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Explores universal philosophical themes and problems from the Asian perspective.
Focuses on Indian, Chinese, and Japanese traditions. 3 cr.; 45 hr. lec., TE 3.00 (DH)

109 Reasoning and Critical Thinking
Recommended: ENG 100, and either ENG 102 or 210. Studies informal logic, practical reasoning, argument, and the use and misuse of language. Emphasizes the development of critical thinking skills. 3 cr.; 45 hr. lec., TE 3.00 (DH)

110 Introduction to Logic
Prepar: ENG 22 with grade C or better, or placement at ENG 100, or consent.
Develops the basic technique of logical analysis. Emphasizes symbolic logic, truth, validity, formal and informal fallacies. Examines inductive and deductive reasoning, and the criteria of evidence for reliable beliefs. Students who seek to apply PHIL 110 to meet the AAS and/or AS degree requirements in Quantitative Reasoning must place into at least MATH 100. 3 cr.; 45 hr. lec., TE 3.00

301 Ethical Theory
Prepar: ENG 100, and ENG 210 or PHIL 101, 102, or 110, or both with grade C or better, or consent.
Investigates problems and methods in theory of moral conduct and decision-making. Discusses primary source materials, meta-ethics, and normative theories as well as applied ethics. 3 cr.; 45 hr. lec., TE 3.00 (DH, ETH)

141 Human Anatomy & Physiology I
Prepar: ENG 100, or consent. Coreq: PHRM 106, 107, and 109, all with grade C or better or placement at least MATH 100; or consent. Recommended: MATH 82 with grade C or better, or placement at ENG 100, or consent.
Introduces basic pharmacological concepts and pharmacological treatment of common disease states. Discusses selected drug classifications with emphasis on pharmacokinetics and dynamics and mechanisms of action. Focuses on therapeutic effects of specific groups of drugs, their side effects, interactions, adverse reactions, and drug/food interactions. Addresses the role drugs play in the prevention, diagnosis, and treatment of disease. (Letter grade only.) 3 cr.; 45 hr. lec. (DY)

142 Human Anatomy & Physiology II
Prepar: ENG 100, or consent. Coreq: PHRM 106, 107, and 109, all with grade C or better or placement at least MATH 100; or consent. Laboratory to accompany PHRM 141. (Formerly ZOOL 141.) 3 cr.; 45 hr. lab, TE 3.00 (DY)

323 Professional Ethics
Prepar: ENG 100, or consent. Examines major ethical theories and principles relevant to decision-making in professional situations. Includes experiential and self reflective methodologies as well as theoretical perspectives. 3 cr.; 45 hr. lec., TE 3.00 (DH)

141L Human Anatomy & Physiology I
Prepar: ENG 100, ZOOL 101, BIOL 241, or BIOL 101, SCI 121, or high school biology, any with grade B or better, and ENG 22 with grade C or better or placement at ENG 100, or consent. Covers anatomy, physiology, and biochemistry of humans including terminology, cell structure, tissues, skin, and the skeletal, muscular, and nervous systems. (Formerly ZOOL 141.) 3 cr.; 45 hr. lec. TE 3.00 (DH)

141L Human Anatomy & Physiology I Lab
Prepar: ENG 100, ZOOL 101, BIOL 241, or BIOL 101, SCI 121, or high school Advanced Placement biology, any with grade B or better, and placement at ENG 100, or consent. Coreq: PHYL 141. Laboratory to accompany PHRM 141. (Formerly ZOOL 141.) 1 cr.; 45 hr. lab, TE 2.50 (DY)

142L Human Anatomy & Physiology II Lab
Prepar: ENG 100, ZOOL 101, BIOL 241, or BIOL 101, SCI 121, or high school Advanced Placement biology, any with grade B or better, and placement at ENG 100, or consent. Coreq: PHYL 141. Builds clinical skills as a Pharmacy Technician by preparing and administering injections, preparation and administration of oral medications, and immunizations. 1 cr.; 15 hr. lec., TE 1.00

502 Work Practicum
Prepar: PHRM 142, or concurrent. Students who seek to apply PHIL 142 as a practical experience in a retail community pharmacy or institutional/hospital pharmacy under the supervision of a licensed Pharmacist preceptor. Provides opportunity to discuss and critique work experience in the pharmacy while completing a directed study program designed to assist students in preparing for the certification exam under direction of a Certified Pharmacy Technician (Instructor). (Credit/No Credit only.) 1 cr.; 45 hr. lec., TE 3.00

503 Ethical Theory
Prepar: ENG 100, and ENG 210 or PHIL 101, 102, or 110, or both with grade C or better, or consent.
Investigates problems and methods in theory of moral conduct and decision-making. Discusses primary source materials, meta-ethics, and normative theories as well as applied ethics. 3 cr.; 45 hr. lec., TE 3.00 (DH, ETH)
121 Introduction to Science: Biological Science

Prereq: ENG 22 with grade C or better, or placement at ENG 100. Introduces characteristics of science, historical development of scientific concepts, and interactions of society with science, illustrated by topics from biological sciences. (Constituted as BIOL 101L.) 1cr; 45hr lec, 25yr TE 2.00 (DB/DY)

122 Intro to Science: Physical Science Lab

Prereq: ENG 22 with grade C or better, or placement at ENG 100, or consent. 3cr; 15hr lec, 60hr lec-lab, TE 4.17 (DB/DY)

124 Problem-based Learning in STEM

Prereq: DOE STEM teacher, or consent. 3cr; 45hr lec, 60hr lec, TE 4.17 (DB/DY)

140 Problem-based Learning in STEM

Prereq: DOE STEM teacher, or consent. 3cr; 45hr lec, 60hr lec, TE 4.17 (DB/DY)
295v Intro to Science: Physical Science Lab
Prep: Instructor consent.
Instructs students in the research experience in science, technology, engineering and/or mathematics, emphasizing the application of the scientific method to a specific project. (May be repeated for a maximum of 6 credits.) 1-3 cr.; 45hrs lec, 0.2 TE per student (DY)

Sociology (SOC)
R. Daniels

100 Survey of General Sociology
Introduces study of basic social relationships. Treats socialization, concept of culture, social stratification, prejudice, cultural change, and trends in modern society. 3cr.; 45hrs lec, TE 3.00 (DS)

215 Sociology Through Film
Explores sociological concepts and issues through film as a visual text. Highlights the role of cinema as a means of socializing and provides a lens to view culture and the social world. 3cr.; 45hrs lec, TE 3.00 (DS)

231 Introduction to Juvenile Delinquency
Studies principles and procedures of arrest, detention, petition, summons, records, and adjudication of juvenile offenders. Introduces organization and function of detention, petition, summons, records, and adjudication of juvenile delinquency and the principles and procedures of arrest, investigation practices, and organization of Family Court. Examines United States Supreme Court decisions affecting juvenile rights of due process. Concludes with analysis of current issues such as how political, economic, and demographic diversity affects the natural environment with particular emphasis on island settings. 3cr.; 45hrs lec, TE 3.00 (DB)

E Spanish (SPAN)
M. Fleming

101 Elementary Spanish I
Introduces speaking, listening, reading, and writing skills of basic Spanish. Includes basic sentence structures. Designed for students with little or no Spanish background. 4cr.; 60hrs lec, TE 4.00 (HSL)

102 Elementary Spanish II
Prep: SPAN 101, or consent. Continues SPAN 101. Introduces additional verbal tenses and continues to expand Spanish speaking, listening, reading, and writing. 4cr.; 60hrs lec, TE 4.00 (HSL)

180v Spanish-English Language Exchange
Prep: SPAN 102 or consent. Provides opportunities for students to engage in authentic conversation with native speakers of Spanish for the purpose of improving speaking and listening skills. Expands students' skills and awareness through facilitated interaction with native speakers from a variety of countries, selected readings and reflective writings. 1-2cr.; 1hr lec (DH)

201 Intermediate Spanish I
Prep: SPAN 102, or consent. Second level course in Spanish listening, reading, speaking, and writing. Introduces more advanced patterns and vocabulary words. Introduces basic literature. 3cr.; 45hrs lec, TE 3.00 (HSL)

202 Intermediate Spanish II
Prep: SPAN 201, or consent. Continues SPAN 201. Continues introduction of major grammatical patterns of standard Spanish in reading, listening, writing, and speaking. Continues to explore different literary forms. 3cr.; 45hrs lec, TE 3.00 (HSL)

272 Hispanic Culture
Prep: SPAN 201 with grade C or better, or consent. Examines attitudes and values of various Hispanic cultures and their history, art, poetry, and music. Describes social organization and current life styles of selected Hispanic cultures. Taught in Spanish and English. 3cr.; 45 hrs lec, TE 3.00 (DS)

E Speech (SP)
R. St. John

151 Personal & Public Speech
Recommended: Placement at ENG 100. Introduction to the major elements of speech. Develops competence in two-person, small group, and public speaking situations. 3cr.; 45hrs lec. TE 3.00 (DA)

251 Principles of Effective Public Speaking
Prep: ENG 22 or grade C or better. 0-2cr.; 15hrs lec, 30hrs field (FGB)

Sustainable Science Management (SSM)
T. Botkin, M. Jones

101 Sustainability in a Changing World
Prep: ENG 19 with grade C or better or placement at ENG 100, and MATH 75X with grade C or better or placement at MATH 82, or consent. Identifies sustainability concepts which have become evident from early human movement toward Industrialization in the 1500s to present. Examines diverse approaches in resource use including water, energy, waste, land use, economies, and oceans. Introduces fundamental systems approaches to recognize interconnections and ramifications of practices. Identifies global sustainability issues and uses Hawai‘i and island case studies as a means of better understanding their applied relevance. 3cr.; 45hrs lec, TE 3.00 (FG8)

201 Sustainable Building Design
Prep: SSM 101 and ENGR 203, both with grade C or better, or consent. Examines principles of green building, design and operations; including site planning and zoning, construction practices, energy efficient economics of green building, benefits and barriers, and the LEED rating system. 3cr.; 45hrs lec, TE 3.00 (DP)

202 Sustainable Island Communities
Prep: SSM 101, HWST 107, HWST 207, or HIST 284, any with grade C or better, or consent. Introduces concepts of sustainability on islands, specifically Hawai‘i. Examines unique aspects of island sustainability, such as renewable energy resources, and natural resource management. Compares island communities to sustainable urban environments. 3cr.; 45hrs lec, TE 3.00 (DP)

275 Basic Energy Production
Prep: SSM 101 and ENG 100, both with grade C or better, or placement at MATH 103, or consent. Recommended: ENG 209 or ENG 421. Introduces basic energy concepts including gravitational and kinetic energy, heat, electromagnetism, chemical energy and the transducers used to convert from one form of energy to another. Transitions from the electric power grid to designing renewable energy sources into contemporary grids and distributed systems. 3cr.; 45hrs lec. TE 3.00 (DA)

301 Sustainable Assessments and Indicators
Prep: SSM 202, MATH 115, and MATH 135, all with grade C or better, or consent. Examines metrics for assessing sustainability and distinguishing marketing claims from actual progress. Studies triple bottom line, cradle to cradle principles, carbon neutrality, and carbon footprint; as well as life cycle assessment, energy analysis, and sustainability indicators that can demonstrate raw data collection and analysis. Final project develops a business case, adding indicators to demonstrate in integrating sustainability. 3cr.; 45hrs lec, TE 3.00 (DS)

302 Environmental Health
Prep: SSM 202, BIOL 171/171L, CHEM 151 or 161/161L, and MATH 135, all with grade C or better, or consent. Examines the impact that chemical, physical, and biological agents have on human health. Introduces systems thinking approaches to recognize interconnections, how political, economic, and demographic diversity affects the natural environment with particular emphasis on island settings. 3cr.; 45hrs lec, TE 3.00 (DB)

375 Renewable Energy Conversions and Processes
Prep: SSM 203, ENGR 103, and MATH 135, and either CHEM 251 or ENGR 161, all with grade C or better, or consent. Recommended: MATH 202 or MATH 241. Examines and demonstrates technologies and processes for the conversion of energy sources to power. Examines conventional fossil fuels and turbines, solar photovoltaic cells, wind turbines, wave technology, tidal technology, small and large scale hydro power technology, bio-mass, bio-fuel, waste to energy, and fuel cell technology. 3cr.; 45hrs lec, TE 3.00 (DP)

384 Sustaining the Globalized Ocean
Prep: SSM 202 and ZOOL 200, both with grade C or better, or consent. Recommended: ENG 210 or ENG 421. Examines the oceans as a life support system and the factors that increase pressures on marine sustainability. Examines the interactions between the marine environment and the economic, social, cultural, and political factors. Introduces the food web grid and energy storage technologies. Instructs students on how to use food web tools applicable to understanding marine sustainability and food web grid. Explores different marine energy storage technologies and their feasibility for intended applications. 3cr.; 45hrs lec, TE 3.00 (DP)

392v Sustainable Science Management Internship
Prep: SSM major and at least 60 credits in SSM or MATH 241. Applies skills to workplace in anoccupational setting to demonstrate the student's area of focus in sustainability science management. Provides practical experience to develop knowledge and skills in the application of theory to actual problems in a non-classroom setting. Develops employment skills in the sustainable science management areas of energy, renewable energy, energy management, waste management, water and wastewater, policy, and related fields. Prepares students for the senior capstone project. (May be repeated for a maximum of 6 credits.) 1-3cr.; 1-3sem hrs.; 45hrs lec, TE 3.00 (FGB)

401 Environmental Law, Policy, and Justice
Prep: ENG 209, and MATH 241 or MATH 243, and ENG 209, all with grade C or better, or consent. Recommended: BLAW 200. Introduces legal and policy issues of environmental science management. Explores the history, processes, and politics in the formulation and implementation of U.S. federal, state, and local environmental policies. 3cr.; 45hrs lec, TE 3.00 (DS)

402 Water Resources Management
Prep: SSM 202, BIOL 171/171L, CHEM 151 or 161/161L, and MATH 135, all with grade C or better, or consent. Examines typical means of managing freshwater resources with emphasis on island water and wastewater management techniques. Introduces water quality techniques and parameters as well as advanced wastewater treatment processes. Discusses principles of sustainability from hydraulics, hydrology, and distribution systems. Discusses water reuse and recycling practices on Maui. 3cr.; 45hrs lec, TE 3.00 (DP)

403 Renewable Energy Integration
Prep: SSM 301, ENGR 375, MGT 310, and MATH 203 or MATH 241, all with grade C or better, or consent. Analyzes and describes issues for integrating renewable energy onto a grid structure, the functions of the grid, and energy storage technologies. Instructs students on how to use software tools applicable to understanding the grid and energy storage technologies. Explores different electrical energy storage technologies and their feasibility for intended applications. 3cr.; 45hrs lec, TE 3.00 (DP)

422 Sustainable Systems Thinking
Prep: SSM 301, ENGR 375, MGT 310, and MATH 203 or MATH 241, all with grade C or better, or consent. Recommended. MATH 202 or MATH 241. Examines the theory and application of established systems thinking practices, models and programs, as applied historically and in a sustainability context. Examines complex, multi-disciplinary problems and proposed solutions in real world scenarios. Develops skills using modeling software for tracking, illustrating, and verifying systems analysis. 3cr.; 45hrs lec, TE 3.00 (DS)

MAUI COLLEGE

UNIVERSITY OF HAWAI'I MAUI COLLEGE

Sustainable Science Management
221 Acting I
Provides individual exercises and group rehearsals of beginning acting. Emphasizes voice, movement, and relaxation. Students must perform in direction of class scenes. (Formerly DRAM 221.)
3cr; 45hr lec, TE 3.00 (DA)

222 Acting 2
Prep: THEA 221, or consent. Continues THEA 221. Expands work on voice, movement, improvisation, and scene work. Requires performance of monologues and scenes from classic and contemporary plays. (Formerly DRAM 222.)
3cr; 45hr lec, TE 3.00 (DA)

141 Human Anatomy & Physiology I
(alpha changed from ZOOLOGY to PHYSIOLOGY. See PHYL 141.)
Prereq: ENG 22 with grade C or better, or consent.
3cr; 45hr lec, TE 3.00 (DY)

141L Human Anatomy & Physiology Lab
(alpha changed from ZOOLOGY to PHYSIOLOGY. See PHYL 141L.)
Lab to accompany ZOOL 200.
3cr; 45hr lab, TE 3.00 (DY)

142 Human Anatomy & Physiology II
(alpha changed from ZOOLOGY to PHYSIOLOGY. See PHYL 142.)
Prereq: ZOOL 200, or consent.
3cr; 45hr lec, TE 3.75 (DA)

19C Welding for Automotive Applications
Introduces theory and practice of gas and arc welding of ferrous metals with automotive applications. Includes procedures in flat, horizontal, and overhead work for brazing, flame cutting, and welding of aluminum, stainless steel, and other metals. Designed as a support course for trades.
3cr; 90hr lec-lab, TE 3.75

19D Welding for Construction Applications
Introduces theory and practice of arc and gas welding of ferrous metals dealing with building construction applications. Includes procedures in flat, horizontal, and overhead work for brazing, flame cutting, and welding of aluminum, stainless steel, and other metals. Designed as a support course for trades.
3cr; 90hr lec-lab, TE 3.75

200 Marine Biology
Prep: ENG 22 with grade C or better, or placement at ENG 100, or consent. Coreq: ZOOL 200.
Surveys physical and biological characteristics of the marine environment. Discusses local marine flora and fauna. Surveys topics including fisheries, aquaculture, pollution, and marine resources.
3cr; 45hr lec, 3.00 (DB)

200L Marine Biology Lab
Prep: ENG 22 with grade C or better, or placement at ENG 100, or consent. Coreq: ZOOL 200.
Lab to accompany ZOOL 200.
1cr; 45hr lab, TE 2.50 (DY)
ADOLPHI, Kali, Instructional & Student Support (Moloka'i)
BS, University of Hawai‘i at Mānoa
554-4398

AGDEPPA, Arthus, IT Specialist
984-3632, 984-3283
AS, Maui Community College

AGDEPPA, Revolu, Institutional Support
984-3536
BS, University of Hawai‘i at Mānoa; BA, University of Hawai‘i-West Oahu
MHRM, University of Hawai‘i at Mānoa

ARCANZEL, Casey, Academic Support
984-3615
BS, UH Maui College; BA, University of Hawai‘i at Mānoa

AHE NEL, Maia,Instructional & Student Support
984-3621
AAS, B.S, UH Maui College

AMBY, Dibu, Instructional and Student Support
984-3578
BA, University of Hawai‘i-West Oahu

ANTOSCH, Marc, Graphic Design
984-3460

BIBBA, BF, Institutional Support Advisor
984-3557
BA, University of Hawai‘i at Mānoa

JOSEPH, Janelle, Instructional and Student Support (EOC/ETS)
984-3586
BA, University of Hawai‘i at Mānoa

KANAHANO-USI, Kaeo, Institutional Support Business Office
984-3551
KELLEY, Pegg, Academic Support Continuing Education & Training
984-3498
Certificates in Graphic Design & Print Media, Boman Museum of Fine Arts School

KAHUHU, Kumu, Isn’t & Student Support, Upward Bound
984-3569
BS, Chaminade University

KEYARI, Alicoia, Instructional & Student Support – Upward Bound
984-3563
AA, UH Maui College; BA, University of Hawai‘i at Mānoa

LEBRON, M. Lari, Isn’t Support-Extra-curricular Funds Business Office
984-3562
LIMA, Palama, Academic Support (Moloka‘i)
554-4909 ext 5
MA University of Hawai‘i at Mānoa

LOGAN, Tracy, Academic Support, Continuing Education & Training
984-3400
BA, University of Richmond; MS, Capella University

MAGARIN, Ronald, IT Specialist
984-3641, 984-3283
AS, Maui Community College

MARTIN, Keo, Instructional & Student Support
984-3569
BA, University of Hawai‘i-West Oahu

MARTIN, Shauna, International Student Services
984-3204
AAS, BAS, UH Maui College; MHRM, University of Hawai‘i at Mānoa

MATA, Ilyah, Instructional & Student Support
984-3521
BA, University of Hawai‘i at Mānoa

MAUKOLO, Malena, Instruction & Student Support
984-3525
UH Center & MLI

MIKOMI, Todd, Media Design and Production
984-3560
BA, University of Hawai‘i at Mānoa

MONZ, Jenisse, Instructional and Student Support
984-3573
AA, UH Maui College; MA, University of Hawai‘i at Mānoa

MORA, Reyna, Registrar
984-3557
BBA, University of Hawai‘i-West Oahu

NAOELE, Destilagh, Instructional & Student Support
984-3519
AAS, BAS, UH Maui College; MEA, University of Hawai‘i at Mānoa

NARI, Nalabowahia, Education Specialist
984-3240
BA, University of Hawai‘i at Mānoa; B.A.M.E, University of Hawai‘i at Mānoa

NAPOLEON, Liliana, Academic Support
984-3500
AA, UH Maui College; BS, MFA, Women’s Graduate University

OBINNELL, Barbara, Instructional Support
984-3581
BA, UH Maui College; MHRM, University of Hawai‘i at Mānoa

PEPER, Christoph, IT Specialist
984-3568

PURDY, Talia, Institutional Support
984-3587
AS, Maui Community College

REESE, Cheryl, Institutional Support
984-3592
BA, University of Hawai‘i at Mānoa; MEd, University of Hawai‘i at Mānoa

ROTA, Natasha, Instructional & Student Support–La‘au
984-3565
AS, Honolulu Community College

RUCKER, Barbara, Instructional Support – Mkt’s Ave
984-3545
SAKUTOI, Kenon, Financial Aid Banner Specialist
984-3425
BS, University of Hawai‘i at Mānoa

SANOS, Tsune Miku, Academic Support
984-3792
BS, University of Hawai‘i at Mānoa

SLATTER, Michael, Research Support I
984-3217
AA, Maui Community College; BA, University’s College Community

TANAMANA, Thais, Academic Support
985-4490
AA, UH Maui College; BA, University of Hawai‘i West Oahu; MHRM, University of Hawai‘i at Mānoa

TOKUNAGA, Susan, Institutional Support
984-3580
BS, University of Hawai‘i at Mānoa

TSANG, Wing Chun, Physical Plant Mgr-Securuty
984-3576
BS, John Jay College of Criminal Justice

VENTURA, Dew, Instructional Support
984-3250
AA, University of Hawai‘i at Mānoa

VILLARREAL, John, Isn’t Student Support Moloka‘i, Site Specialist
554-4490
AAS, UH Maui College

WILKINSON, Jana, Academic Support-Upward Bound
984-3564
BS, MME, University of North Florida

YAMAMOTO, Cindy, Institutional Support
984-3442
BA, University of Hawai‘i at Mānoa

YORK, Marilyn, Instructional and Student Support
984-3586
BA, California State University-Sacramento

YOSHIOKA, Melina, Instructional and Student Support
984-3589
MA, University of LaVerne

ZULFERTA, Ka’i, Information, Events & Publications (Marketing)
984-3598
BA, University of the Philippines

BOGEN, Casey, Institutional Support
565-7206

BENDO, Joon, Academic Support
984-3569

BENDER, Sarah, Instructional Support – Mkt’s Ave
984-3594

BENDER, Taylor, Academic Support
984-3595

BENDER, Zin, Academic Support
984-3596

BENDER, Zin, Academic Support
984-3597

BENDER, Zin, Academic Support
984-3598

BENDER, Zin, Academic Support
984-3599

BENDER, Zin, Academic Support
984-35910

BENDER, Zin, Academic Support
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BENDER, Zin, Academic Support
984-35912

BENDER, Zin, Academic Support
984-35913

BENDER, Zin, Academic Support
984-35914

BENDER, Zin, Academic Support
984-35915

BENDER, Zin, Academic Support
984-35916

BENDER, Zin, Academic Support
**Registration Information**

- New students must complete the University of Hawaii System Application online at [http://maui.hawaii.edu/how-to-apply](http://maui.hawaii.edu/how-to-apply). Returning UHMC students should contact Admissions & Records for information on the re-admissions process; call 808-984-3267. Complete applications must be submitted by application deadlines (exceptions: see International Students).
- Registration is conducted via MyUH Services only. In-person services are available at Admissions & Records in the Ho'okipa building, 8:30 am - 4:00 pm, and at the Hāna, Lahaina, Lāna'i, and Moloka'i Education Centers.
- Students must have a UH username before utilizing in-person services. To obtain a UH username, students may go to [http://www.hawaii.edu/username/](http://www.hawaii.edu/username/) and follow the steps outlined.
- The toll-free number for Hawai'i and Mainland students calling from outside Maui County is 1-800-479-6692.

### Calendar

<table>
<thead>
<tr>
<th>Event</th>
<th>Fall 2018</th>
<th>Spring 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority registration – according to credits completed toward graduation</td>
<td>See MyUH</td>
<td>See MyUH</td>
</tr>
<tr>
<td>Registration for F18 classes starts for all students (see Academic Advisor ahead of time)</td>
<td>April 9</td>
<td>--</td>
</tr>
<tr>
<td>Tuition Payment deadline for F18 classes</td>
<td>August 10</td>
<td>--</td>
</tr>
<tr>
<td>Faculty Full duty period starts, and Spring &quot;new&quot; faculty start</td>
<td>August 14</td>
<td>January 2</td>
</tr>
<tr>
<td><strong>FIRST DAY OF INSTRUCTION</strong></td>
<td><strong>August 20</strong></td>
<td><strong>January 7</strong></td>
</tr>
<tr>
<td>Late Registration Fee begins ($30)</td>
<td>August 20</td>
<td>January 7</td>
</tr>
<tr>
<td>Last day to Drop/Withdraw with 100% refund</td>
<td>August 28</td>
<td>January 15</td>
</tr>
<tr>
<td>Last day to Add/Late register</td>
<td>August 28</td>
<td>January 15</td>
</tr>
<tr>
<td>Erase Period ends – courses dropped by this date do not appear on transcript</td>
<td>September 11</td>
<td>January 30</td>
</tr>
<tr>
<td>Last day to Drop/Withdraw with 50% refund</td>
<td>September 11</td>
<td>January 30</td>
</tr>
<tr>
<td>Graduation Sp19 application deadline</td>
<td>--</td>
<td>March 31</td>
</tr>
<tr>
<td>Spring Break</td>
<td>--</td>
<td>March 18-22</td>
</tr>
<tr>
<td>Deadline for Official Withdrawal with a W Grade</td>
<td>October 29</td>
<td>March 25</td>
</tr>
<tr>
<td>Deadline to Make-up Incompletes (I grades)</td>
<td>October 29</td>
<td>March 25</td>
</tr>
<tr>
<td>Last day to change CR/NC option</td>
<td>October 29</td>
<td>March 25</td>
</tr>
<tr>
<td>Last day to select Audit grade</td>
<td>October 29</td>
<td>March 25</td>
</tr>
<tr>
<td>Registration for Sp19 classes starts for all students (see Academic Advisor ahead of time)</td>
<td>November 5</td>
<td>--</td>
</tr>
<tr>
<td>Registration for F19 classes starts for all students (see Academic Advisor ahead of time)</td>
<td>--</td>
<td>April 8</td>
</tr>
<tr>
<td><strong>LAST DAY OF INSTRUCTION</strong> (semester-length classes)</td>
<td><strong>December 6</strong></td>
<td><strong>May 2</strong></td>
</tr>
<tr>
<td>Tuition Payment deadline for upcoming Sp19 classes</td>
<td>December 7</td>
<td>--</td>
</tr>
<tr>
<td>Graduation F18 application deadline</td>
<td>December 7</td>
<td>--</td>
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<tr>
<td>Reading Day (semester-length classes)</td>
<td>December 7 (TBA)</td>
<td>--</td>
</tr>
<tr>
<td>Final Evaluation Period (semester-length classes)</td>
<td>December 8-14</td>
<td>May 3-9</td>
</tr>
<tr>
<td>Commencement</td>
<td>--</td>
<td>TBA</td>
</tr>
<tr>
<td>Faculty duty period official end</td>
<td>--</td>
<td>May 14</td>
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</tbody>
</table>

**Disclaimer Statement** - The College reserves the right to, without prior notice, change or delete, supplement, or otherwise amend at any time the information, requirements, time schedules, and policies contained in this catalog.

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**Exploratory Majors**

Exploratory majors are designed to use the students' interests as a starting point and to help provide structure and narrow choices for student success. At UHCCs, Exploratory Majors are designed primarily for Liberal Arts students who are unclear as to what they want to do, but have some idea of the general area they want to study. Exploratory majors will have a defined set of courses that are applicable to the students' terminal or transfer degrees. Within a well-defined set timeframe, students are counseled into a specific major or concentration.

Maui College offers seven exploratory tracks that are listed below. Each student in an exploratory track will be asked to take some form of a career assessment.

### Arts & Humanities Track

- Majors associated with this exploratory track:

### Business Track

- Majors associated with this exploratory track:
  - Accounting, Entrepreneurship, Finance, Management, Marketing

### Social Science Track

- Majors associated with this exploratory track:
  - Anthropology, Communication, Counseling, Economics, Journalism, Political Science, Psychology, Social Work, Sociology, Women Studies

### Education Track

- Majors associated with this exploratory track:
  - Early Childhood Education, Elementary Education, Secondary Education

### Health Sciences Track

- Majors associated with this exploratory track:
  - Athletic Training, Dental Assisting, Dental Hygiene, EMT (Emergency Medical Technician), Nursing, Occupational Therapy, Physical Therapy, Radiologic Technology

### STEM Track

- Majors associated with this exploratory track:
  - Astronomy, Biology, Chemistry, Computer Science, Engineering

### Exploratory Track

*This track is designed for students who are truly exploring. They will learn about their strengths and how their strengths connect to major and career pathways.*

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**Maui College Addendum**
Adventures Begin Here!

no 'ane'i mai nā 'a'ana hoa!

MAUI COLLEGE

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