

# Instructional Programs Executive Summary



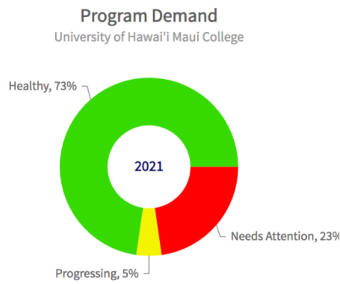
## **ANNUAL** REPORT OF PROGRAM DATA **2021**



UNIVERSITY of HAWAII®  
**MAUI**  
COMMUNITY COLLEGE

# 1. Executive Summary

For academic year 2020-21, UHMC’s Career and Technical Education (CTE) and the General Pre-Professional programs submitted a total of 20 instructional program reviews. Each program analyzed demand, efficiency, and effectiveness indicators; in addition, CTE programs reviewed Perkins Indicators. A snapshot of the health indicators of all programs is provided below:

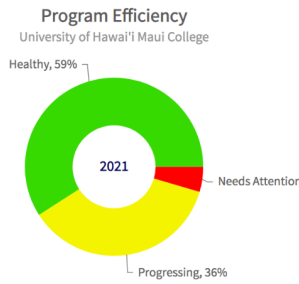


**Demand** indicators refer to the number of new & replacement jobs that are projected within the county and the number of graduates that will likely compete for those positions.

16 of the programs offered at University of Hawai'i Maui College are considered **healthy** when compared to industry demand and students pursuing a major in those fields have a good chance of employment.

1 programs offered at University of Hawai'i Maui College **requires attention** when compared to industry demand. Therefore, the outlook for employment opportunities remains optimistic but somewhat cautious.

5 of the programs offered at University of Hawai'i Maui College are considered **under performing** when compared to industry demand. Students pursuing a major in those fields might find it difficult to find a job.

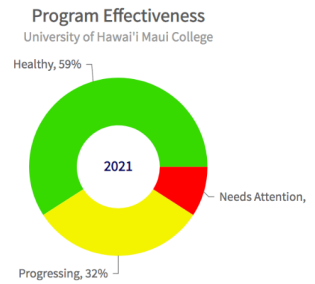


**Efficiency** indicators refer to average class size, fill rate, and number of majors allocated to faculty.

13 programs offered at University of Hawai'i Maui College are considered **healthy** which means classes are at full capacity and majors to FTE faculty allocation are considered efficient.

8 programs offered at University of Hawai'i Maui College **requires attention** which means classes are moderately filling and majors to FTE faculty allocation can be improved.

1 programs offered at University of Hawai'i Maui College is considered **under performing** relative to class fill rate and the number of majors allocated to FTE faculty.



**Effectiveness** indicators monitor successful completions, withdrawals, persistence, and transfers to a UH 4-Year campus.

13 programs offered at University of Hawai'i Maui College are considered **healthy**. Students in these majors are successfully obtaining their degrees and transferring to a UH 4-Year campus at an acceptable level.

7 programs offered at University of Hawai'i Maui College **requires attention** which indicate some students are successfully obtaining their degrees and transferring to a UH 4-Year campus but improvements can be made.

2 programs offered at University of Hawai'i Maui College are considered **under performing** which indicate students are not completing their majors.

## Program Demand

ARPD data indicates that 73% of all programs are healthy in program demand. The five programs identified as requiring attention, have been highlighted below with context of the health indicator:

Creative Media	Positions available show as “1” in the county due to the <b>incorrect CIP to SOC</b> alignment. With new codes selected for the 2022 report, this should indicate a healthy demand with plenty of replacement positions to align with enrollment.
Dental Hygiene	Positions available show as “1” in the county due to <b>insufficient data</b> at the county level. The program coordinator is working with UHCC IR to remedy this. State-wide positions indicate the demand is healthy across the state.
Electronics & Computer Engineer Tech	Positions available show as “1” in the county due to the <b>incorrect CIP to SOC</b> alignment. The CIP code chosen for the ECET program is 15.202, Electronics & Computer Engineer Tech. The only SOC code retained by the system is Electrical and Electronic Engineering Technologists and Technicians (SOC 17-3023). However, ECET graduates are also hired for positions related to information technology and telescope operations, which refer to a different SOC code. With new codes selected for the 2022 report, this should indicate a healthy demand with plenty of replacement positions to align with enrollment.

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Hawaiian Studies	ARPD data indicate the percent change of majors from the prior year dropped by 9%. Because the overall UHMC enrollment drop was 7.2%, Academic Affairs will continue to investigate how to better support certain programs and populations that appear to have been more adversely impacted by the pandemic.
Liberal Arts	ARPD data indicate the percent change of majors from the prior year dropped by 8%. Because the overall UHMC enrollment drop was 7.2%, Academic Affairs will continue to investigate how to better support certain programs and populations that appear to have been more adversely impacted by the pandemic.

**Program Efficiency**

ARPD data indicates that 59% of all programs are healthy in program efficiency. The one program identified as requiring attention is the Engineering Technology BAS program, which was stopped in May 2021 due to insufficient demand and efficiency through a rigorous review process by the Academic Affairs unit during the spring of 2021.

**Program Effectiveness**

ARPD data indicates that 59% of all programs are healthy in program effectiveness. The two programs identified as requiring attention, have been highlighted below with context of the health indicator:

Agriculture and Natural Resources	ARPD data indicate the number of degrees has declined from 14 in 2018 to 3 in 2021. This decline can be partly attributed to the pandemic. AGNR was one of the few programs that continued hands-on learning despite COVID protocols to best meet learning objectives. While many majors appreciated this, many declined the in-person options and opted out of school, according to the program coordinator. Current labor shortages, despite night class offerings, will likely continue to challenge AGNR enrollment and degree completion for the next two years.
Business Administration	ARPD data indicate fall to spring persistence was at 58%, lower than the healthy benchmark, but 1% higher than the previous year. In addition, the number of degrees dropped from 28 in 2019 to 23 in 2020, thereby requiring attention. The program will continue to monitor these data and expects an increase after pandemic recovery.

**Major Program Actions**

As described in the UH Maui College Institutional Report for Reaffirmation of Accreditation, a summary of the Academic Affairs program review and action recommendation committee is highlighted below:

*Starting in January 2021, the Office of Academic Affairs convened a Recommendation Committee (RC) to conduct a comprehensive review of departments and programs within the unit. The RC members represent an equitable selection of academic affairs departments, programs, units and committees and met weekly from January 15 through February 26, 2021. This group engages a cross-section of faculty and staff in a review process that assesses the efficiency and effectiveness of programs, units and disciplines and makes recommendations to administration based on program review results and other data. The RC reviewed and discussed reports and data, requested additional information from the programs being reviewed, collectively developed a Program Viability Rubric as*

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*an additional assessment tool (see Appendix S), and formulated recommendations to the Academic Affairs administration. This process is an effective, collaborative, and informed method for reviewing programs and making difficult decisions during a time of budgetary constraint.*

The following major program actions were taken:

- The MOP program will be terminated effective fall 2022. The program will be phased out over the fall 2021 and spring 2022 semesters to ensure that students in the pipeline can complete their certificates.
- The AAS in Business Technology (BUSN) will be terminated effective fall 2022. A CA in Business Technology (BUSN) will be built under Business Administration. The program will be phased out over the fall 2021 and spring 2022 semesters to ensure that students in the pipeline can complete their degrees either at UHMC or in partnership with other UHCC campuses.
- The BAS in Engineering Technology (ENGT) will be terminated effective fall 2021. Process for discussion and decision making regarding reassignment of faculty, staff and equipment will begin in spring 2021. Students will not be impacted as all current majors graduated May 2021.
- The AAS in Fashion Technology will be terminated effective fall 2022. An ASC in Fashion Technology will be developed under the AA in Liberal Arts. The AAS program will be phased out over the fall 2021 and spring 2022 semesters to ensure that students in the pipeline can complete their degrees either at UHMC or in partnership with Honolulu Community College.

### **Program Assessment & Student Learning**

In 2020-2021, UH Maui College embarked on a new cycle of program and learning assessments. All programs completed the following:

- Aligning of PLOs with ILOs
- Aligning Course SLOs to PLOs
- Completed assessment of at least one PLO and the CASLO of critical thinking

As a result of this process, several programs have redesigned their PLO assessment activities to align with CASLO review. For example, the Hawaiian Studies Associate in Arts program adopted a portfolio process to conduct direct assessment of student achievement of program learning outcomes. First, core exit-level courses were identified in which all majors enroll. Second, three assignments that require exit-level competencies were identified for each class. Third, learner outcomes were identified for each assignment. A student artifact for each assignment representing three levels of achievement (low, medium, high) will be included in the portfolio. The assignments will be used to assess course-level achievement and program-level achievement by viewing the portfolios collectively. The result will be a more comprehensive examination of achievement across the program cycle.

The College will continue to follow up with program coordinators to link resource requirements to evidence of student learning outcome achievement. The College also continues to identify policy, planning and budget considerations, as well as best practices, emerging from the program review process. UH Maui College has aligned its program review, planning, and budgeting processes at the campus level with UHCC system planning.

### **Action Plan**

- 1) Academic Master plan: The UH Maui College strategic planning and assessment process is guided by a Vision, Mission, Core Values and Institutional Learning Outcomes that are grounded in how UH Maui College “Inspires Learning” among our students, within our community and among colleagues.

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UH Maui College Office of Academic Affairs will facilitate the drafting of an Academic Master plan in Spring 2022 that is anticipated to inform the campus strategic planning process in fall 2022.

- 2) ILO review: The Assessment committee will lead a campus-wide vetting and revisioning of the Institutional Learning Outcomes in light of the current accreditation process, review of assessment process, and the UH system-wide general education revision process.
- 3) Program Improvement: During the 2021-2020 academic year, programs will continue to engage in the following activities to promote efficiency and assure effectiveness:
  - Analyze and adjust course rotations, scheduling, and the number of sections offered.
  - Analyze and reduce lecturer taught courses when appropriate.
  - Validating student learning with advisory and campus groups.
  - Revisiting pathways from high school through degree programs, including continuing education and PLA opportunities