University of Hawaii Maui College
Course Outline

1. **Alpha**   BUS   **Number**   496

   Course Title   ABIT Capstone II

   Credits   3

   Department   Business/Hospitality   Author Debasis Bhattacharya

   Date of Outline   10/14/2010   Effective Date   Fall 2012   5-year Review Date Fall 2017

2. **Course Description:** Provides students the skills necessary to utilize and demonstrate the tools and technologies developed during the ABIT program. Includes Internet technology design, prototyping and implementation. Demonstration of business plan and supporting technology to external stakeholders. Extension of the Capstone I project using latest Internet technologies.

   Cross-list   none

   Contact Hours/Type   3 hr. lecture   BUS 310, BUS 495, ICS 418, and MKT 400, ~~sequence~~

3. **Pre-requisites**   ~~ICS 418, BUS 310, MKT 400, and BUS 495~~ all with a grade C or better

   Pre-requisite may be waived by consent ☒ yes   ☐ no

   Co-requisites   none

   Recommended Preparation   none

4. **Function/Designation**   ☐ AA Category   Additional Category

   ☐ AS Program   Category   List Additional Programs and Category:

   ☐ AAS Program   PR - Program Requirement   List Additional Programs and Category:

   ☒ BAS ABIT   IC - ABIT Information Technology Core   List Additional Programs and Category:

   ☐ Developmental/Remedial   ☐ Other/Additional: Explain:

See Curriculum Action Request (CAR) form for the college-wide general education student learning outcomes (SLOs) and/or the program learning outcomes (PLOs) this course supports.

☐ This course outline is standardized and/or the result of a community college or system-wide agreement. Responsible committee:

5. Student Learning Outcomes (SLOs): List one to four inclusive SLOs.
   For assessment, link these to #7 Recommended Course Content, and #9 Recommended Course Requirements & Evaluation. Use roman numerals (I., II., III.) to designate SLOs
   On successful completion of this course, students will be able to:

   I.   Apply critical thinking skills to evaluate information, solve problems, and make decisions
   II. Demonstrate knowledge of principles of accounting, economics, finance, law, management and marketing
   III. Demonstrate knowledge of business research, creating business plans, strategies and decisions
   IV. Demonstrate detailed knowledge of information technology such as operating systems, databases, networks, security, e-commerce, web programming, systems analysis and design

6. Competencies/Concepts/Issues/Skills
   For assessment, link these to #7 Recommended Course Content, and #9 Recommended Course Requirements & Evaluation. Use lower case letters (a., b....zz.)to designate competencies/skills/issues
   On successful completion of this course, students will be able to:

   a. apply knowledge of essential business disciplines including accounting, economics, finance, law, management, and marketing, and use business research methods to analyze information in order to develop solid business plans and strategies, and make effective and efficient business decisions;
   b. use leadership and interpersonal skills to promote business ethics, values, and integrity related to professional activities and personal relationships;
   c. demonstrate knowledge of operating system, word processing, spreadsheet, presentation software, database management, computer troubleshooting, web development and e-commerce;
   d. apply knowledge of system analysis and design and computer programming to designing, creating, and testing computer programs;
   e. apply knowledge of software programming by designing, creating, and testing appropriate web sites or online technology using development tools;
   f   apply critical thinking skills to evaluate information, solve problems, and make decisions;
   g. use information retrieval and technology;
   h. apply quantitative reasoning to enhance independent or group decision-making skills; and
   i. communicate effectively with others utilizing appropriate forms of oral and written communication methods including multimedia presentations that applying information technologies and serve particular audiences and purposes.

7. Suggested Course Content and Approximate Time Spent on Each Topic
   Linked to #5. Student Learning Outcomes and # 6 Competencies/Skills/Issues

   Each project team is to do one of the following:

A. Finalize Plans from Capstone I. Developing should address the business tools necessary for implementing the plan:
(4-7 weeks)
1. Finalize Marketing and Sales Plan from Capstone I; SLOs - I to III, Competencies - (a,b,c,d,e,f,h,i)
2. Finalize Business Plan from Capstone I; SLOs - I to III, Competencies - (a,b,c,d,e,f,h,i)
3. Develop Technology Plan; SLOs - I, II and IV Competencies - (c,d,e,f,g,h,i)
4. Develop Technology Design, Prototype and Demo: SLOs - I, II and IV Competencies - (c,d,e,f,g,h,i)

B. Evaluation - progress and feedback (spread throughout the semester).
   (1-4 weeks)
1. Teams report on progress; SLOs - I to IV, Competencies - (b,c,d,e,f,g,h,i)
2. Class and instructors provide insight and suggestions; SLOs - I to IV, Competencies - (b,d,e,f,g,h,j)

C. Public validation processes
   (1-3 weeks)
   Students will do at least one of the following:
1. Obtain approval of a web site or online technology; SLOs - I, II and IV, Competencies - (a,b,c,d,e,f,h,j)
2. Receive funding for the project; SLOs - I to IV, Competencies - (a,b,c,d,e,f,h,)
3. Obtain governmental approval for project; SLOs - I to IV, Competencies - (a,b,c,d,e,f,h,j)
4. Receive approval from stakeholders for project commencement; SLOs - I to IV, Competencies - (a,b,c,d,e,f,h)
5. Begin business operations; SLOs - I to IV, Competencies - (a,b,c,d,,f,h,i)
6. Receive public recognition; SLOs - I to IV, Competencies - (a,c,b,d,e,f,h,i)

D. Presentation of completed projects; SLOs - I to IV, Competencies - (a - i)
   (1-2 weeks)

E. Write reflection paper; SLOs - I to IV, Competencies - (a – i)
   (0.5-1 week)

8. Text and Materials, Reference Materials, and Auxiliary Materials
   Appropriate text(s) and materials will be chosen at the time the course is offered from those currently available in the field. Examples include: Internet Programming by Dietel, latest edition or equivalent

   Appropriate reference materials will be chosen at the time the course is offered from those currently available in the field. Examples include: Internet references on business and information technology

   Appropriate auxiliary materials will be chosen at the time the course is offered from those currently available in the field. Examples include: Internet tutorials on business and information technology

9. Suggested Course Requirements and Evaluation
   Linked to #5. Student Learning Outcomes (SLOs) and #6 Competencies/Skills/Issues
   Specific course requirements are at the discretion of the instructor at the time the course is being offered. Suggested requirements might include, but are not limited to:

20 – 40%	Participation in class discussions, group and individual oral reports
20 – 40 %	Projects, reports, demonstrations

30 – 60 %   Final project. The project may be evaluated by a cross-section of faculty, staff, and community members to ensure student learning outcomes of the program have been satisfied.

10. Methods of Instruction

Instructional methods will vary considerably by instructor. Specific methods are at the discretion of the instructor teaching the course and might include, but are not limited to:

(a) lectures and class discussions;
(b) problem solving;
(c) narrated PowerPoint presentations;
(d) videos, DVDs, CD-ROMs with detailed viewing guide and discussion questions;
(e) field trips including field notes, activities, observations, and data collection;
(f) guest speakers and attendance at public lectures;
(g) study group activities;
(h) oral reports and other student presentations;
(i) homework assignments such as
- reading, or watching, and writing summaries and reactions to relevant
issues in the media including broadcast television, newspapers, video, magazines, journals, lectures, web-based material, and other sources;
- reading text and reference materials and answering discussion questions;
- researching business and technical issues and problems;
(j) web-based assignments and activities;
(k) reflective journals and/or study logs or papers;
(l) group and/ or individual research projects with reports or oral presentations;
(m) Service-Learning, community service, and/or civic engagement projects; and
(n) other contemporary learning techniques (such as problem-based learning, investigative case-based learning, co-op, internships, self-paced programs, etc.).

11. Assessment of Intended Student Learning Outcomes Standards Grid attached

12. Additional Information:

University of Hawaii Maui College
Curriculum Action Request (CAR) Form
Course

1. Author(s): Debasis Bhattacharya

2. Department: Business/Hospitality

3. Date submitted to Curriculum Committee: 10/14/2011

4. Type of action:

   Addition:
   ☒ regular
   ☐ other; specify:

   Modification:
   ☐ alpha/number   ☐ pre-requisite
   ☐ title   ☐ co-requisite
   ☐ credits   ☐ recommended prep
   ☐ description   ☐ other; specify:

5. Existing course:
   Alpha: BUS Number:496 Title: ABIT Capstone II   Credits: 3

6. Proposed new/modified course:
   Alpha: Number: Title: Credits: credits

7. Reason for this curriculum action:
   Separate the final ABIT capstone into a two semester course, with 3 credits each. This will enable students to spend longer time on their project and go into more depth and detail.

8. New course description *(or year of catalog and page number of current course description, if unchanged)*:
   Catalog 2011-2012 page 23-34 and course description on page 102

9. Pre-requisite(s) – *see Prerequisite Style Sheet for samples*:
   ICS 418, BUS 310, MKT 400 and BUS 495 all with a grade C or better; or consent. ☐ no ☒ yes

10. Co-requisite(s): none

11. Recommended preparation: none

12. Cross listed: ☒ no   ☐ yes; cite course alpha & number:

13. Student contact hours per week:
    <u>3</u> hr. lecture   ____ hr. lab   ____ hr. lecture/lab   ____ hr. other; explain:

14. Grading: Letter grade only/No Audit   Explain, if not Standard grading:
    Capstone course requires a letter grade.

15. Repeatable for credit: ☒ no   ☐ yes; maximum is _____ credit or ☐ unlimited.
(Most courses are not repeatable for additional credit; exceptions are courses such as internships and co-op courses.)

16. Special fees required: ☒ no   ☐ yes; explain:

17. Proposed term of first offering: <u>Fall</u>_____ semester of <u>2012</u>_____ year.

18. List catalog used and then degrees, certificates, prerequisites, and catalog sections **and their page numbers** affected by this proposal: Catalog 2011-2012 page 23-34 and course description on page 102

19. Maximum enrollment: <u>24</u>   Rationale, if less than 35: Current room capacity in KAA 219

20. Special resources *(personnel, supplies, etc.)* required: ☒ no ☐ yes; explain:

21. Course is restricted to particular room type: ☐ no   ☒ yes; explain: Computer lab room required

22. Special scheduling considerations: ☒ no   ☐ yes; explain:

23. Method(s) of delivery appropriate for this course: *(check all that apply)*
    ☒ Traditional   ☐ HITS/Interactive TV   ☐ Cable TV   ☒ Online ☒ Hybrid
    ☐ Other, explain:

24. Mark all college-wide general education SLOs this course supports.

    ☒ Std 1 - Written Communications   ☒ Std 2 – Quantitative Reasoning
    ☒ Std 3 - Information Retrieval and Technology   ☒ Std 4 - Oral Communication
    ☒ Std 5 - Critical Reasoning   ☒ Std 6 – Creativity
    ☐ Other General Education SLOs, such as Ethics, Scientific Inquiry, or Service Learning.
       Explain:

25. List all program SLOs this course supports? *(Explain, if necessary)*

    Program SLO 1: Apply critical thinking skills to evaluate information, solve problems, and make
        decisions   Explain:
    Program SLO 2: Demonstrate knowledge of principles of accounting, economics, finance, law,
        management and marketing Explain:
    Program SLO 3: Demonstrate knowledge of business research, creating business plans, strategies and
    decisions Explain:
    Program SLO 4: Demonstrate detailed knowledge of information technology such as operating systems,
    databases, networks, security, e-commerce, web programming, systems analysis and design Explain:
    Program SLO 5:   Explain:

26. ☐ Course fulfills the following general education elective (GE) for CTE (Career Technical Education)
       AS/AAS degrees (GE):
                ☐ English (EN)/Communication (CM)   ☐ Quantitative Reasoning (QR)
                ☐ Humanities (HU)   ☐ Natural Science (NS)   ☐ Social Science (SS)
                ☐ Other:
       ☐ Course is a requirement for the AASprogram(s) AS/AAS degree or certificate

Revised 10/13/2011

☐ Course is a program elective for the _____ program(s) AS/AAS degree or certificate

27. ☐ Course fulfills the following general education elective (GE) for the ABIT BAS degree:
    ☐ English (EN)/Communication (CM) ☐ Quantitative Reasoning (QR)
    ☐ Humanities (HU) ☐ Natural Science (NS) ☐ Social Science (SS)
    ☐ Other:
☒ Course is a requirement for the ABIT BAS degree
☐ Course is a program elective for the ABIT BAS degree

28. ☐ Course fulfills a requirement for a proposed BAS _____ degree:
    ☐ Pre- requisite course   ☐ Core
    ☐ Capstone Course (CC)   ☐ Other:
☐ Course is a program elective for a proposed BAS _____ degree
☐ Course fulfills the following general education elective (GE) for the proposed BAS _____ degree:
    ☐ English (EN)/Communication (CM)   ☐ Quantitative Reasoning (QR)
    ☐ Humanities (HU) ☐ Natural Science (NS) ☐ Social Science (SS)
    ☐ Other:
☐ Course is applicable to the following additional BAS degrees:

29. ☐ Course satisfies the following category for the AA degree*:
    ☐ Category I: Foundations/Skills: Foundations I
        ☐ Written Communication in English (FW)
        ☐ Global and Multicultural Perspectives (FG)
            ☐ Group A (before 1500 CE)
            ☐ Group B (since 1500 CE)
            ☐ Group C (pre-history to present)
        ☐ Symbolic Reasoning (FS)
    ☐ Category I: Foundations/Skills: Foundations II
        ☐ Numeracy (FN)
        ☐ Oral Communication in English (FO)
        ☐ Computer/Information Processing and Retrieval (FI)
    ☐ Category II: Breadth of Understanding and Experience
        ☐ Human Understanding
            ☐ The Individual (IN)
            ☐ The Community (CO)
                ☐ The Community – Global Perspective (CG)
        ☐ Human Expression (HE)
        ☐ Environmental Awareness (EA)
            ☐ Environmental Awareness – Global Perspective (EG)
        ☐ Asia/Pacific Perspective (AP)
    ☐ Category III Focus/Specialization/Area of Interest
        ☐ Interest Area Discipline/Alpha:
        ☐ Elective (LE)
    ☐ Other Graduation Requirements
        ☐ Writing Intensive (is appropriate for WI)
        ☐ Environmental Awareness Lab/course with lab (EL)
        ☐ Hawaii Emphasis (HI)

* Submit the appropriate form(s) to have the course placed in the requested category (ies). Submit a course outline, CAR, and appropriate forms to both the Curriculum Committee and the Foundations Board, if the course satisfies Category I: Foundations/Skills: Foundations I or II.

30. Course ☐ increases ☐ decreases ☒ makes no change to number of credits required for program(s) affected by this action. Explain, if necessary:

31. Course is taught at another UH campus *(see Sections 5 and 6 above)*:
    ☒ no Explain why this course is proposed for UHMC:
    ☐ yes Specify college(s), course, alpha, and number where same or similar course is taught:

32. Course is:
    ☒ Not appropriate for articulation.

    ☐ Appropriate* for articulation as a general education course at:
          ☐UHCC ☐UH Manoa ☐UH Hilo ☐UHWO
    ☐ Previously articulated* as a general education course at:
          ☐UHCC ☐UH Manoa ☐UH Hilo ☐UHWO

    *Note: Submit Course Articulation Form if course is already articulated, or is appropriate for articulation, as a general education (100-, 200-level) course.

    ☐ Standardized and/or appropriate for articulation by PCC or other UH system agreement at:
          ☐UHCC ☐UH Manoa ☐UH Hilo ☐UHWO Explain:

    ☐ Appropriate for articulation or has previously been articulated to a specific department or institution:
          ☐UHCC ☐UH Manoa ☐UH Hilo ☐UHWO ☐ Outside UH system Explain:

33. Additional Information *(add additional pages if needed)*:

University of Hawaii Maui College
Curriculum Action Request (CAR) Signature Page

_____   10/14/11
Proposed by: Author or Program Coordinator   Date

_____   10/14/2011
Checked by: Academic Subject Area Representative to Curriculum Committee Date

_____   10/14/2011
Requested by Department: Department Chair   Date

_____   1-30-12
Recommended by: Curriculum Chair   Date

_____   2-1-12
Approved by Academic Senate: Academic Senate Chair   Date

_____   2-4-12
Endorsed by: Chief Academic Officer   Date

_____   2/8/12
Approved by: Chancellor   Date