

## BYU Hawai'i Curriculum Proposal Section 1

### *Proposal Description (Balance Sheet)*

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Provide statement which describes the nature of this proposal, the before and after effects of this proposal, including the affected program outline, the credit totals for the program and the individual courses, as well as the prerequisites and courses from other departments which may be affected by this proposal.

*New course proposals must have a course outline attached.*

This statement should also discuss:

- Rationale for this change based upon evidence gathered within the department or school/college including annual assessment plans, self-study, department review, outcomes matrix, multi-year plan or other pertinent assessment documents.
- The ongoing significant curriculum or program changes which could develop in the next five years when this proposal is implemented.
- *The specific assessment data or evidence that was used through the annual assessment plan or program review that supports this proposal.*

**The IS department teaches fundamental skills in its IS 110 course. We routinely identify some students who are not ready to take the next level of IS coursework. We request to establish a minimum grade of B- in IS 110 before students can move on and take IS 250, IS 280, IS 307, and IS 330. We could simply fail the unprepared students to prevent them from going on before they are ready, but we would rather let them down more gently and simply encourage them to change majors without giving them a major blight on their transcript. It is, after all, a 100-level course. This is similar to the approach taken by the School of Business with the Accounting 201 course.**

**In connection with this request, we also request that students who earn a grade lower than B- in IS 110 can retake the course one time in an effort to get their grade into the acceptable range. This is a change from the normal university policy of restricting retakes to students with a C- or below.**

## BYU Hawai'i Curriculum Proposal Section 2

### Catalog Detail (for each affected course)

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**NATURE OF THE CHANGE: Put an X before the appropriate selections below.**

- New Course (attach course outline)       New Course Description       Grading to/from P/NP
- New Course Number       Credit Hours       Prerequisite
- New Course Title       Class Fees       Other - specify

Department: **Information Systems**      Course Number: various

Credit Hours: (      Lecture +      Lab)

Full Course Title:

Abbreviated Course Title: (Maximum Of 16 Spaces)

New Course Description: (Maximum Of 25 Words)

Semester(S) Offered:      Fall \_      Winter \_      Spring \_      Summer \_      On demand \_

Years Offered:      Each Year \_      Alternate Years \_

Requested Effective Date (MMM DD YY): **August 1, 2007 (for Fall Semester)**

(Current catalog or next academic-year catalog):

Class Size:      Optimum \_      Minimum \_      Maximum \_

**250L. Hardware Repair and Diagnostics** (3) (F,W) Introduction to various microcomputer operating systems, software integration concepts, graphics, hardware and software installation, utility programs, and application development. (Prerequisite: **B- or better in IS 110**)

**280. Data Communications Systems and Networks** (3) (F,W) Theory and foundation for network management including data communications hardware and software, network configuration and design, network protocols, and network security and control. (Prerequisite: **B- or better in IS 110, or B- or better in CS 101**)

**307. Systems Analysis and Design** (3) (F,W) Techniques of analysis from the viewpoint of computer implementation. Includes a case study developing a complete system from initial analysis to final, fully documented computer implementation. (Prerequisites: **B- or better in CS 101 and B- or better in IS 110**)

**330. Management Information Systems** (3) (F,W) Manager's use of information technology to support decision makers at all levels. Integrates and uses management functions computer databases, accounting principles, model building, graphical representation. (Prerequisite: **B- or better in IS 110, or Business Core.**)