

BYU Hawai'i Curriculum Proposal Section 1

Proposal Description (Balance Sheet)

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 currently employs a two-part nationally standardized examination to evaluate student skills in a variety of areas. One part covers material typically learned in IS 307. The other part covers material typically learned across several courses including IS 250, IS 280, IS 350, and CS 201. We desire a single milestone that can be used to control entry into the capstone courses of our major: IS 409 and IS 410.

IS 400 is proposed as a zero-credit course that is prerequisite to IS 409 and IS 410. Students pass IS 400 by scoring well enough on the national exam or in rare cases by committee evaluation and approval of candidates who fail the exam repeatedly but seem adequately prepared. The exact passing score on the exam may be adjusted by the department, but is initially set at a minimum of 40% on each part, and a minimum combined average of 45% across both parts. Students are allowed to attempt the test in a controlled setting several times per semester, as many times as they would like. Students are not required to complete any particular courses before taking the test. Upon achievement of the passing score, the student will be administratively enrolled into IS 400 and immediately given a grade of P.

Earlier, we intended to administer this exam as an exit exam for IS 307 and IS 350, with a certain score required to pass out of the class, but we discovered that students may be ready to pass out of the class before they are prepared to do well on the proficiency exam.

BYU Hawai'i Curriculum Proposal Section 2

Catalog Detail (for each affected course)

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: **IS 400**

Credit Hours: **0** (**0** Lecture + **0** Lab)

Full Course Title: **IS Proficiency**

Abbreviated Course Title: (Maximum Of 16 Spaces) **IS Proficiency**

New Course Description: (Maximum Of 25 Words)

Students demonstrate proficiency at important Information Systems skills by examination. This qualifies them to enter the IS capstone experience.

Semester(S) Offered: Fall _ Winter _ Spring _ Summer _ On demand **X**
Years Offered: Each Year _ Alternate Years _

Requested Effective Date (MMM DD YY): **June 1, 2007**

(Current catalog or next academic-year catalog):

Class Size: Optimum _ Minimum _ Maximum _

Note: New courses should be given course numbers that have not been used for three years. This rule also applies to the renumbering of courses.

400. IS Proficiency (0) (var) Students demonstrate proficiency at important Information Systems skills by examination. This qualifies them to enter the IS capstone experience.

409. Physical Design and Implementation in Emerging Environments (3) (F,W) Teams of students use project management principles to implement an information system in an emerging systems environment. (Prerequisites: IS 307, IS 350, IS 400)

410. Project Management and Practice (3) (F,W) Advanced students design and implement a significant information system. Project management, management of the IS function, and systems integration will be components of the experience. (Prerequisites: IS 307, IS 350, IS 400)