Course Name: Senior Practicum: Project Management and Systems Development
Course Prefix: IST
Course Number: 4730
Submitted by: Taowen Le, let@weber.edu

Current Date: 11/3/2014 College: Business & Economics
Department: Business Administration
From Term: Fall 2015

Substantive

change
Current Course Subject: IST
Current Course Number: 4730

Credits: (3) Typically taught: Fall [Full Sem] Spring [Full Sem] This is a capstone course for the IST major. It provides hands-on and problem-solving experience in all areas of information technology including systems analysis, design, systems implementation, network design, software development, and database design. Students will participate as a member of a team to complete a proposal or a project for a significant computer-based system. This course focuses on working with actual business problems as represented in a major case study. Prerequisite: Business Foundations; BSAD 2899, IST 2015, IST 2110, IST 2410, IST 2720, IST 3210, IST 3610, IST 3700, and Business Administration Department approval.

**New/Revised Course Information:**

Subject: IST
Course Number: 4730

Check all that apply:*This is for courses already approved for gen ed. Use a*[*different form*](http://documents.weber.edu/catalog/forms.htm)*for proposing a new gen ed designation.*

* DV
* CA
* HU
* LS
* PS
* SS
* EN
* AI
* QL
* TA
* TB
* TC
* TD
* TE

Course Title: Senior Practicum: Project Management and Systems Development
Abbreviated Course Title: Senior Practicum
Course Type: LEC
Credit Hours: 3
**or**if variable hours: to

Contact Hours:Lecture: 3
Lab: 0
Other: 0

Repeat Information:Limit: 0
Max Hrs: 0
Grading Mode: standard

This course is/will be:

a required course in a major program
a required course in a minor program
a required course in a 1- or 2- year program
elective

Prerequisites/Co-requisites: BSAD 2899, IST 2110, IST 2410, IST 3210, IST 3610, IST 3730, and Business Administration Department approval.

Course description (exactly as it will appear in the catalog, including prerequisites):Credits: (3)
Typically taught:
Fall [Full Sem]
Spring [Full Sem]

This is a capstone course for the IST major. It provides hands-on and problem-solving experience in all areas of information technology including systems analysis, design, systems implementation, network design, software development, and database design. Students will participate as a member of a team to complete a proposal or a project for a significant computer-based system. This course focuses on working with actual business problems as represented in a major case study.
Prerequisite: Business Foundations; BSAD 2899, IST 2110, IST 2410, IST 3210, IST 3610, IST 3730, and Business Administration Department approval.

Justification for the new course or for changes to an existing course. (Note: Justification should emphasize academic rationale for the change or new course. This is particularly important for courses requesting upper-division status.) During the past decade, not only has the information technology industry changed tremendously, the business industry in general has also been greatly impacted by those changes. To continue preparing our students adequately for the industry, it is critical that the IST curriculum changes accordingly.

This course provides IST majors an opportunity to use knowledge and skills obtained in other IST courses as they work through an integrated IST project. Therefore, prerequisites to this course are typically other required IST courses.

As a result of curriculum changes, certain formerly required courses no longer exist. Therefore, it is necessary to change the prerequisite list for this course accordingly.

**INFORMATION PAGE
for substantive proposals only**

1. Did this course receive unanimous approval within the Department?trueIf not, what are the major concerns raised by the opponents?

2. If this is a new course proposal, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department?

3. How will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.

4. Is this course required for certification/accreditation of a program?no

If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.

5. For course proposals, e-mail a syllabus to Faculty Senate which should be sufficiently detailed that the committees can determine that the course is at the appropriate level and matches the description. There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.).

Please mail a signed [approval page](https://portalapps.weber.edu/lcourseproposal/SignaturePage.PDF) to the Faculty Senate Office, MA 210J, MC 1033.