

Course	ITM 5400 – Systems Analysis, Design, and Implementation
Term	Spring 1, 2010 Jan 4 – Mar 5
Instructor	Name: Tommy Crisco Phone: 501-257-1532 Email: criscot@webster.edu
Catalog Description	This course covers the spectrum of activities in information systems life cycle management. The life cycle from the feasibility study through implementation and maintenance is examined. The course includes examination of structured analysis and design, prototyping, procurement and conversion methods. The roles and responsibilities of various personnel involved, as well as the communication and documentation tools and techniques employed, are studied.
Prerequisites	ITM 5000 – Information Technology Management - Overview
Course Level Learning Outcomes	After completing this course, students will: <ul style="list-style-type: none"> • know and explain the important technical terminology, concepts, principles, techniques, and theories related to the technical aspects of information and communications systems analysis, design, and implementation. • be able to effectively apply important technical concepts, principles, practices, techniques, and theories needed to critically analyze an organization’s information and communication requirements. • be able to effectively apply important technical concepts, principles, practices, techniques, and theories needed to design and recommend appropriate systems solutions. • be able to effectively apply important technical concepts, principles, practices, techniques, and theories needed to manage the implementation of recommended systems solutions.
Materials	<p>REQUIRED TEXT</p> <p><i>Systems Analysis and Design</i>, by Gary B. Shelly & Harry J. Rosenblatt. Eighth Edition. Course Technology: Boston, MA ISBN-13: 978-0-324-59766-0 ISBN-10: 0-324-59766-5</p> <p>MBS Direct: You can call MBS Direct at 1-800-325-3252 and give your school name, site and course number, or access the Virtual Bookstore at http://bookstore.mbsdirect.net/WEBSTER.HTM .</p>

<p>Grading</p>	<p>Grading Scale 93-100 A 90-92 A- 87-89 B+ 83-86 B 80-82 B- 70-79 C 0-69 F</p> <p>Course Requirements The GRADUATE catalog provides these guidelines and grading options:</p> <p>A/A- Superior graduate work B+/B/B- Satisfactory graduate work C Work that is barely adequate as graduate-level performance CR Work that is performed as satisfactory graduate work (B- or better). A grade of "CR" is reserved for courses designated by a department, involving internships, a thesis, practicums, or specified courses. F Work that is unsatisfactory I Incomplete work ZF An incomplete which was not completed within one year of the end of the course. ZF is treated the same as an F or NC for all cases involving G.P.A., academic warning, probation, and dismissal. IP In progress NR Not reported W Withdrawn from the course</p>
<p>Activities</p>	<ul style="list-style-type: none"> • Short lectures • Facilitated discussion of assigned reading • Short, moderately complex cases and exercises • Group Project • Chapter exams
<p>Policy Statements: University Policies</p>	<p>University policies are provided in the current course catalog and course schedules. They are also available on the university website. This class is governed by the university's published policies. The following policies are of particular interest:</p> <p>A student may submit their term paper to the On-Line Writing Center in St. Louis by email and have a coach make suggestions/corrections. It is up to the student to allow sufficient time for this process to be utilized and still turn in the term paper on the assigned date. Go to http://www.webster.edu/acadaffairs/asp/wc/online.html</p> <p>Academic Honesty The university is committed to high standards of academic honesty. Students will be held responsible for violations of these standards. Please refer to the university's academic honesty policies for a definition of academic dishonesty and potential disciplinary actions associated with it.</p>

Drops and Withdrawals

Please beware that, should you choose to drop or withdraw from this course, the date on which you notify the university of your decision will determine the amount of tuition refund you receive. Please refer to the university policies on drops and withdrawals (published elsewhere) to find out what the deadlines are for dropping a course with a full refund and for withdrawing from a course with a partial refund.

Special Services

If you have registered as a student with a documented disability and are entitled to classroom or testing accommodations, please inform the instructor at the beginning of the course of the accommodations you will require in this class so that these can be provided.

Disturbances

Since every student is entitled to full participation in class without interruption, all students are expected to be in class and prepared to begin on time. All pagers, wireless phones, or other electronic devices must be turned off, or switched to vibrate, when you enter the classroom.

Disruption of class, whether by latecomers, noisy devices, or inconsiderate behavior is not acceptable. Students are expected to treat the instructor and other students with dignity and respect, especially in cases where a diversity of opinion arises. Students who engage in disruptive behavior are subject to disciplinary action, including removal from the course.

Student Assignments Retained

From time to time, student assignments or projects will be retained by The Department for the purpose of academic assessment. In every case, should the assignment or project be shared outside the academic Department, the student's name and all identifying information about that student will be redacted from the assignment or project.

Contact Hours for this Course

It is essential that all classes meet for the full instructional time as scheduled. A class cannot be shortened in length. If a class session is cancelled for any reason, it must be rescheduled.

<p>Course Policies</p>	<p>This schedule is tentative and is subject to changes based upon the collective background of the class and/or external disruptions that may occur. Students should have completed the weekly Reading assignment before each class.</p> <p>Attendance at all class sessions is expected.</p> <p>Late assignments will be accepted if prior arrangements have been made with the instructor, but will be given reduced points based upon the number of class sessions it is late.</p>
<p>Week 1:</p>	<p>Introduction – Syllabus Review (Testing will be discussed at this time)</p> <p>Reading assignments: Chapters 1 and 2</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 1 – Original Kayak Adventures Case Study Chapter 2 – Original Kayak Adventures Case Study</p>
<p>Week 2:</p>	<p>Reading assignments: Chapter 3 and 4</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 3 – Personal Trainer, Inc Case Study Chapter 4 – Personal Trainer, Inc Case Study</p>
<p>Week 3:</p>	<p>Test – Chapters 1, 2, 3 and 4.</p> <p>Lab Work: Introduction of Projects</p>
<p>Week 4:</p>	<p>Reading assignments: Chapter 5 and 6</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 5 – Personal Trainer, Inc Case Study Chapter 6 – Personal Trainer, Inc Case Study</p>
<p>Week 5:</p>	<p>Reading assignments: Chapter 7 and 8</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 7 – Personal Trainer, Inc Case Study Chapter 8 – Personal Trainer, Inc Case Study</p>

Week 6:	<p>Test – Chapters 5, 6, 7 and 8</p> <p>Reading Assignment: Chapter 9 and 10</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 9 – Personal Trainer, Inc Case Study Chapter 10 – Personal Trainer, Inc Case Study</p> <p>Lab Work: Work on Team Projects</p>
Week 7:	<p>Reading Assignment: Chapter 11 and 12</p> <p>Lecture/Discussion Topics:</p> <p>Chapter 11 – Personal Trainer, Inc Case Study Chapter 12 – Personal Trainer, Inc Case Study</p> <p>Lab Work: Work on Team Projects</p>
Week 8:	<p>Test – Chapters 9, 10, 11 and 12</p> <p>Lab Work: Work on Team Projects</p>
Week 9:	Team Project Presentations
Additional Information	
Approved by	Michael Hostetler, Faculty Coordinator, 2 Dec 2009