

<b>Course</b>	ITM 5400 – Systems Analysis, Design, and Implementation						
<b>Term</b>	Summer 2008						
<b>Instructor</b>	Name: Mark Leinwetter Phone: 913-541-9796 Email: Primary: <a href="mailto:marklein@webster.edu">marklein@webster.edu</a> Secondary: <a href="mailto:mark24@gmx.com">mark24@gmx.com</a>						
<b>Catalog Description</b>	This graduate level course covers the spectrum of activities in the systems life cycle. The life cycle from the feasibility study through implementation and maintenance is examined. The course includes examination of structured analysis and design, prototyping, and conversion methods. The roles and missions of the various personnel involved, as well as the communication and documentation tools employed are studied.						
<b>Prerequisites</b>	ITM 5000 – Information Technology Management - Overview						
<b>Course Level Learning Outcomes</b>	After completing this course, students will: <ul style="list-style-type: none"> <li>• 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.</li> <li>• be able to <i>effectively apply important technical</i> concepts, principles, practices, techniques, and theories needed <i>to critically analyze</i> an organization’s information and communication requirements.</li> <li>• be able to <i>effectively apply important technical</i> concepts, principles, practices, techniques, and theories needed <i>to design and recommend appropriate systems solutions</i>.</li> <li>• be able to <i>effectively apply important technical</i> concepts, principles, practices, techniques, and theories needed <i>to manage the implementation of recommended systems solutions</i>.</li> </ul>						
<b>Materials</b>	<u><b>Systems Analysis and Design Methods with CD</b></u> , by Whitten, Bentley; 7 <sup>th</sup> edition, McGraw-Hill Irwin, 2007, ISBN-13:978-0-07-305233-5. Text is available through MBS Direct Books at 1-800-352-3252 or <a href="http://www.mbsdirect.net">www.mbsdirect.net</a> . Checks and credit cards accepted.						
<b>Grading</b>	<table border="0"> <tr> <td>Midterm exam</td> <td>35%</td> </tr> <tr> <td>Final exam</td> <td>35%</td> </tr> <tr> <td>Research Project</td> <td>20%</td> </tr> </table>	Midterm exam	35%	Final exam	35%	Research Project	20%
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**The GRADUATE catalog provides these guidelines and grading options:**

- **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

**Course Activities**

Assigned readings, discussions, guest speaker, oral presentations, exams, quizzes

**Policy Statements:  
University Policies**

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:

***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.

***Drops and Withdrawals***

Please be aware 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.

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***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, disruption of class by 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.

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**Course Policies**

This syllabus may be revised at the discretion of the instructor without the prior notification or consent of the student.

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**Weekly Schedule**

Read chapters 1 and 2 in *Systems Analysis and Design Methods*

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Weekly assignments will be discussed in class

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**Additional Information**

If needed, please contact instructor after regular business hours only.

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