

Course	ITM 6000 – Final Project in Information Technology Management		
Term	Fall 1 2008 August 18 – October 17, Wednesday 6 – 10 pm		
Instructor	Name: John F. Burwick	Postal Address	
	Phone: 803-479-3662	116 Fair Ridge Road	
	Email: burwijoh@webster.edu	Blythewood, SC 29016	
Catalog Description	This capstone project course is designed to give students the opportunity to synthesize, integrate, and apply the technical and management knowledge and skills acquired in other courses in the Information Technology Management (ITM) curriculum		
Prerequisites	Successful completion of all other core courses in the ITM program curriculum		
Incoming Competency Expected of Student	The student is expected to have successfully completed all core courses for ITM program and expected to know how to use World Wide Web and Internet tools for research. Additionally, the student is expected to have a sufficient background in mathematics to be able to handle business problem solving at the graduate level. The student should be able to develop a model project to solve a business problem.		
Course Level Learning Outcomes	After completing this capstone project course, students will: <ul style="list-style-type: none"> • <i>have demonstrated the ability to integrate and apply</i> the important technical and various management concepts, principles, techniques, and practices needed to effectively manage people, information, information and communication technologies, and business processes in support of organizational strategic goals. 		
Materials	<p>Required Texts: <u>Practical Research: Planning and Design</u> by Paul A. Leedy and Jeanne Ellis Ormrod, Prentice Hall, 8th Ed, ISBN: 0-13-110895-6.</p> <p><u>Publication Manual of the American Psychological Association (APA Manual)</u>, American Psychological Association, 5th Ed, 2001, Washington, D.C: ISBN: 1-55798-791-2.</p> <p>Suggested Text: <u>The Dissertation and Research Cookbook</u> by Simon and Francis, Kendall-Hunt Publishing ISBN # 0-7872-8405-X</p> <p>Supplemental Readings: Management Information Systems, 7/e Raymond McLeod Jr., Prentice Hall Publishing ISBN 0-13-856584-8</p>		

	<p>Expert Systems Design and Development Using VP-Expert Friederich John Wiley & Sons ISBN 0-471-61581-1</p> <p>Decision Support Systems and Intelligent Systems, 5/e Efraim Turban and Jay Aronson Prentice Hall Publishing ISBN0-13-740937-0</p> <p>MIS FOR THE INFORMATION AGE, Stephen Haag, (1998) An Irwin/McGraw-Hill publication, ISBN: 0-07-025465-6</p> <p>Software Project Management For Small to Medium Sized Projects, John J. Rakos, (1990) Prentice Hall, Inc Englewood Cliffs, N. J.</p> <p>An Introduction to Database Systems C. J. Date Addison-Wesley Publishing</p> <p>Business Data Communication William Stallings and Richard Van Slyke Prentice Hall Publishing</p> <p>Systems Analysis and Design Methods Jeffrey L. Whitten and Lonnie D. Bentley Prentice Hall Publishing, ISBN 0-256-19906-X</p> <p>Highly Recommended-> BUGS in Writing Lyn Dupre Addison-Wesley Publishing Company ISBN 0-201-60019-6</p> <p>Visual Aids: Transparencies, Videos, Presentation Slides, and Projector</p>
Grading	<p>South Carolina regional scale will be used.</p> <p>A 96 - 100 A- 90 - 95 B+ 87 - 89 B 84 - 86 B- 80 - 83 C 70 - 79 F 69 or Below</p>

	<p>Course Requirements <u>% of grade</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">1.</td><td style="width: 85%;">Problem Statement and Description</td><td style="width: 10%; text-align: right;">10</td></tr> <tr><td>2.</td><td>Literature Review</td><td style="text-align: right;">20</td></tr> <tr><td>3.</td><td>Methodology</td><td style="text-align: right;">20</td></tr> <tr><td>4.</td><td>Results</td><td style="text-align: right;">10</td></tr> <tr><td>5.</td><td>Conclusion and Further Research</td><td style="text-align: right;">10</td></tr> <tr><td>6.</td><td>Final Paper</td><td style="text-align: right;">10</td></tr> <tr><td>7.</td><td>Class Presentations</td><td style="text-align: right;">10</td></tr> <tr><td>8.</td><td>Class Participation</td><td style="text-align: right;">10</td></tr> </table> <p>Late submissions will be penalized (Due at the beginning of the class – Hard copy)</p> <p>Participation: The student participation grade will be based on punctual attendance, the quality of classroom participation, prompt response through email, the effectiveness in leading and contributing to a small group study, the quality of the business articles chosen for classroom discussion, and the progression throughout the semester.</p> <p>A word on Graduate Writing: Each student must demonstrate proficiency in the use of the English language in the research paper submitted for this course. Grammatical errors, spelling errors, and writing that does not express ideas clearly will affect your final grade. Students are advised to use The Publication Manual of the American Psychological Association (Fourth Edition) for form, style and general writing principles in the preparation of research paper. Students are encouraged to read the BUGS in Writing, which is written for Computer Scientists point of view. Students are instructed to use the Webster University’s PASSPORTS library at http://library.websteruniv.edu/ for research paper to be submitted for this course. Students can also access the Webster University on-line writing center at http://www.webster.edu/acadaffairs/asp/writing.html</p> <p>During 5th week, each student will submit their report to writing center to seek feedback on their writing style. This is a mandatory for the class requirement.</p> <p>The GRADUATE catalog provides these guidelines and grading options:</p> <ul style="list-style-type: none"> • 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 	1.	Problem Statement and Description	10	2.	Literature Review	20	3.	Methodology	20	4.	Results	10	5.	Conclusion and Further Research	10	6.	Final Paper	10	7.	Class Presentations	10	8.	Class Participation	10
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8.	Class Participation	10																							
<p>Activities</p>	<p>Presentation of Research Paper and Handout for Class Members: During week 8, you will give a 10-minute presentation of your research paper or project. As part of the presentation, please prepare a handout to distribute to each class member. The presentation will be made to a lower level ITM class. Presentations will be graded on <i>Effective opening, Effective closing, Quality and Timing.</i></p>																								

<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>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> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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>
<p>Course Policies</p>	<p>Punctual Attendance: Punctual attendance at all classes is expected. Attendance at first week class is mandatory, as much material will be covered during this class. Students are responsible for their attendance according to the Webster guidelines. Regular and participative attendance is essential to successful learning in this class. Participation consistent with class size and respect for the opinions of others is expected during each class. In a proper academic environment, the professor should present different viewpoints and allow for open, but respectful, exchange of ideas and opinions. Student preparation should reflect careful reading, thought, and the relationship of the discussion to one's professional experiences and expectations</p> <p>ATTENDANCE POLICY:</p>

	<p>The university reserves the right to drop students who do not attend class the first week of the term/semester. Students are expected to attend all class sessions of every course. In the case of unavoidable absence, the student must contact the instructor. The student is subject to appropriate academic penalty for incomplete or unacceptable makeup work, or for excessive or unexcused absences. Generally, a student who misses more than one four-hour course period (per course) without a documented military or medical excuse and advanced permission of the instructor should withdraw from the class.</p> <p>ABSENCE POLICY: If a student is absent, the instructor is to assign makeup work to cover the materials presented that week. If a student has two absences, the instructor has the option to lower the student's grade one letter grade and to inform the student of the action. If a student has three absences, the instructor has the option to assign a grade of F and to inform the student of the action. It is the student's responsibility to withdraw from the course. When the instructor chooses to award a grade of I (Incomplete) for three or four absences, the student must provide acceptable documentation to verify that the absences were unavoidable (e.g. – illness, work conflict, military temporary duty).</p>
<p>Weekly Schedule</p>	<p>Schedule of Required Readings, Discussions, Writings, Student Presentations and Exams:</p> <p>Week 1 We will meet on campus this week. ITM 6000 Course expectations. Survey of Information Technology Management Curriculum ITM 5000 Information Technology Management ITM 5100 IT System & Networks ITM 5200 IT Project Management ITM 5300 IT Contract Management ITM 5400 System Analyses, Design, and Implementation ITM 5600 IT Security BUSN 5200 Finance for Managers MNGT 5590 Organization Behavior ITM 6000 Final Project Students should read Chapters 1, 2, 3, and 4 Introduction Research, The Research problem, Variables, Review of Literature Instrumentation Discuss mechanics of the research document. Student Presentations/discussions on the above topics Discussion on the FIVE-Chapter model Late submissions will be penalized</p> <p>Week 2 we will not meet on campus this week.</p> <p>Last day to submit individual research topics is midnight Friday Each student will submit Problem Statement and Description electronically to Burwijoh@webster.edu (3 Pages minimum). Individual feedback will be delivered via telephone and email.</p> <p>Students should read Chapters 5, 6, and 7 from the Leedy textbook</p> <p>Week 3 we will not meet on campus this week.</p> <p>Each student will submit Review of the Existing Literature progress (3 pages minimum)</p>

	<p>Review of guidelines for paper</p> <p>Week 4 we will not meet on campus this week. Each student will submit Chapter 3. Methodology section (4 pages minimum) and any survey instruments that they plan to use</p> <p>Week 5 we will not meet on campus this week. Feedback on Chapter 1, 2 and 3 via email Students will submit their report (Whatever they have) to Webster Writing Center</p> <p>Week 6 we will not meet on campus this week Webster University drop date for this class Submit any revisions made for Chapters 1, 2, and 3 Each student will submit Chapter 4 Results. (Five pages minimum)</p> <p>Week 7 we will not meet on campus this week Each student will submit Chapter 5: Conclusions and Further Research Student Presentations to another ITM class--students will report their research findings.</p> <p>Week 8 we will not meet on campus this week Students will make final revisions to thesis.</p> <p>Week 9 we will meet on campus this week. Final copy is made including title page, certificate of authorship, table of contents, abstract, Chapters 1 thru 5, references and appendix. (30 pages minimum)--Bound Final copy is made including title page, certificate of authorship, table of contents, abstract, references and appendix. (35 pages minimum)--Bound Student Presentations FINAL PAPER DUE</p>
Additional Information	None

Research Paper

1. Problem addressed: Due End of Week 1
Clearly state the research problem that you plan to address.
2. Title Page Due week 2
3. Certificate of Authorship Due week 2
4. Table of Contents Due week 2
5. Abstract (Partial and update every week) Due week 2
6. Prior research: Due Week 3
Briefly discuss the body of literature that is used to motivate the research. Emphasize the shortcomings in the prior literature that you plan to address.
7. Significance: Due Week 3
Explain why you think your work makes a significant contribution to the field. Cite references wherever possible to establish that there is a consensus among researchers that the problem addressed in the article is indeed an important one. Discuss whether the contribution is in the area of the methodology used for the study.
8. Methodology: Due Week 4
Discuss the methodology you plan to use for the study. Justify the appropriateness of the selected methodology. For empirical work discuss the statistical models used and the sources of data for the study. For theoretical work discuss the models and techniques used in some detail.
6. Results Due Week 6
Present the significant results of your study and relate it to the existing literature.
7. Conclusion and Further Research Due Week 7
Summarize and highlight the significant contributions of your work. Identify potential limitations of the study and suggest areas of research that can address these limitations.
8. References in APA format Due Week 2, 3, 4, 7, and 8

For sample research papers visit the Web site: www.alliedacademies.org

Click on proceedings

Click on Myrtle Beach or Maui proceedings or any other

Click on Academy of Information Management Sciences

You will need acrobat reader to view these papers.

APA samples are available at <http://www.lessonplanspage.com/apamain.htm>

Name of the research or project here

By

Your Name

A Final report submitted in partial fulfillment of the requirements
For the degree of Master of Arts in Information Technology Management

School of Business and Technology
Webster University

2008

Certificate of Authorship

I hereby certify that I am the author of this document and any assistance I received in preparing this report is fully acknowledged. I have also cited in APA format for all sources that I obtained ideas, data, and words. Sources are properly credited according to the APA guidelines.

Signature_____

Date:_____



Oral Presentation Rating Scale

0 – 20	Very Poor
21 – 40	Poor
41 – 60	Average
61 – 80	Good
81 – 90	Very Good
91 – 100	Excellent

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Name of the Student:

TOTAL GRADE:

	Very Poor	Poor	Average	Good	Very Good	Excellent
Effective Opening						
Proper Posture						
Proper Diction						
Eye Contact						
Clarity of Voice						
Rate of Speech						
Preparedness						
Quality						
Time						
Effective Closing						

Possible topics for ITM 6000

Students are not required to select a topic from this list but the instructor must approve all topics.

1. Traditional v. Online/Distance Learning, i.e. WebCT, Blackboard
2. Network Security Issues
3. Firewall Security Issues
4. Privacy in Data Mining and/or Warehousing
5. Antivirus Software
6. The Impact of XML on Web-based Decision Support Systems
7. Security Issues in XML based Decision Support Systems
8. A Comparative Study Between XML and EDI in Decision Support Systems
9. Integrating EIS and DSS Using XML
10. Developing DSS User Interfaces Using XML
11. Software Quality Assurance and Testing Methodologies for Enterprise Systems
12. The Uncertainty in e-Commerce application development
13. Use of Artificial Intelligence Tools in Clinical Decision Making
14. An Expert System for Academic Advising at Webster University/Graduate School
15. Finding creative testing methodologies for Internet based systems.

ITM 6000
Information Technology Management
Webster University, Fall 1 2008
Student's Profile

Name:

Address:

E-mail address (write very clearly): _____ @ _____

Phone Numbers: Home: Office: Pager: Mobile:

Undergraduate degree:

This is my _____ class at Webster

I have / have not completed all core courses in ITM curriculum

I know / don't know how to search on Internet/Web

I know / don't know programming languages related to Internet/Web development

I am familiar / not familiar with Microsoft Access 2000 or any other Database

I am familiar / not familiar with Management Information Systems (MIS)

Employer:

Appendix A