ISM 4332 Fall 2014 Syllabus

**General Course Information**

**CRN** 81724

**Course Title** IS Project and QA

**Description** Students will gain an understanding of the entire information system development process via team projects, including problem identification, analysis, design, implementation, estimation, resource allocation, scheduling, and quality assurance. Teams will design and develop a management and software QA procedures for a prototype system.

**College** Lutgert College of Business

**Subject Area** ISM-Info. Systems Mgmt.

**Course Number** ISM 4332

**Credit Hours** 3

**Meeting Information**

<table>
<thead>
<tr>
<th>Course</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>Aug 19, 2014</td>
<td>Dec 05, 2014</td>
<td>T</td>
<td>06:30 pm - 09:15 pm</td>
<td>LH 2209</td>
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<tr>
<td>Exam</td>
<td>Dec 11, 2013</td>
<td>R</td>
<td>07:30 pm - 10:15</td>
<td>LH 2209</td>
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**Prerequisites** ISM 3113 with a minimum grade of C and ISM 3220 with a minimum grade of C

**Course URL** [http://canvas.fgcu.edu](http://canvas.fgcu.edu)

**Distance Learning/Off Campus Course Information**

**Is this a DL Course?** No, it is an on-campus course. Canvas will be used to submit assignments, for course email, and to post course notes.

**Instructor Information**

**Instructor** Andrew Blitz

**E-Mail Address** ablitz@fgcu.edu
**Phone Number**

**Home Page** [http://ruby.fgcu.edu/courses/mpenderg](http://ruby.fgcu.edu/courses/mpenderg)

**Office Location**

**Office Hours** By appointment

**Additional Information**

**Online Tutorials**
Information on online tutorials to assist students is available online at [http://www.fgcu.edu/support/](http://www.fgcu.edu/support/)

**Canvas Learning Management System and Demonstration Site**
Information on Canvas is available online at [http://canvas.fgcu.edu/](http://canvas.fgcu.edu/)

**Library Resources**
- Main page: [http://library.fgcu.edu/](http://library.fgcu.edu/)
- Tutorials & Handouts: [http://library.fgcu.edu/RSD/Instruction/tutorials.htm](http://library.fgcu.edu/RSD/Instruction/tutorials.htm)
- Faculty Support: [http://library.fgcu.edu/faculty_index.html](http://library.fgcu.edu/faculty_index.html)
- Contact Us: [http://library.fgcu.edu/LBS/about/contactus.htm](http://library.fgcu.edu/LBS/about/contactus.htm)

**Course Materials**

**Required Course Materials**

**Optional Course Materials**

**Course Policies, Learning Objectives, and Agenda**

**Grading, Attendance, and Other Policies**

**Attendance:**
Students are expected to attend every class session. It is the student's responsibility to get course notes from fellow students should they have to miss a class. Cell phones must be turned off before coming to class. **Bringing food or drink to class or office hours is strictly prohibited.**

**Grading:**

- Homework, quizzes, participation - 40%
- Exam 1 - 20%
- Exam 2 - 20%
- Project - 20%
Grading Scale:

90-100% A
80-89% B
70-79% C
60-69% D
0-59% F

+ and - grades may be given to borderline students at the discretion of the instructor.

Late Assignments:

Late assignments will be penalized 20% per week. No assignment will be accepted more than 2 weeks after its due date.

Makeup Exams:

Makeup exams may be given in the case of student's illness or family emergency only. The student must make every effort to contact the professor prior to the exam if they cannot take the exam at its scheduled time. Quizzes and in class assignments cannot be made up.

Academic Dishonesty/Cheating Policy:

All homework unless otherwise specified should be the student's own work. If you turn in someone else's work, then you will lose double points for that assignment. If you allow someone else access to your work, then you will lose all points for that assignment.

What is not ok (that is, cheating):

- working with another student and turning in the same program
- emailing or posting your working program to allow someone else to "just see how you did it"
- copying someone else's program, or copying a program from a book or the internet.

What is ok:

- explaining to another student what mistakes they made
- discussing how to approach an assignment
- asking your professor for help in person or via email
Additional Information

Goals & Objectives:
Teams will design and develop a management and software QA procedures for a prototype system. In addition to the semester project, Software Engineering concepts such as Project Management, Testing, Quality Assurance, Cost-effectiveness, Software reuse, Configuration Management, and Human Factors will be discussed.

Learning outcomes, students will be able to:

- Be able to work in a team environment and collaborate with students and the instructor to implement information solutions to organizational and business problems.
- Be able to formulate and execute an information systems project.
- Be able to manage cost, time, risk and quality constraints.
- Be able to track a systems development project.
- Be able to secure systems and data.

Students will demonstrate this knowledge by creating business-oriented applications and completing several exams. The technical and design concepts employed in the class are a culmination of those learned in ISM 3011, ISM 3230, ISM 3232, ISM 3113, and ISM 3212.

Pre-requisite knowledge:

You are expected to know how to install and run common Windows and Web applications; how to manage files, directories, and disks in a Windows environment; how to program in Java; and how to create an maintain simple web pages.

Course Outline:

- Review & Reverse Engineering
  - Ethics and Ethical Standards
  - Chapter 1 - Systems Development Environment
  - Chapter 2 - Origins of Software
  - Chapter 6 - Requirements Determination
  - Chapter 7 - Structuring System Process Requirements
- Managing Systems Development Projects
  - Chapter 3 - Managing the IS Project
  - Chapter 4 - Identifying and Selecting Systems Development Projects
  - Chapter 5 - Initiating and Planning Systems Development Projects
- Testing and Maintenance of Systems
  - Chapter 13 - System Implementation
  - Chapter 14 - Maintaining Information Systems
  - Human factors tests (readings and inclass assignments)
Important Dates:

Aug 19 - First class meeting
Sep 30 - Exam 1 (tentative)
Nov 4 - Exam 2 (tentative)
Oct 31 - last day to drop without academic penalty
Dec 2 - Last day of class, last day assignments will be accepted
Dec 2 - Final class, project presentations, 7:30 to 10:15pm

University Statements:

Academic Behavior Standards and Academic Dishonesty

All students are expected to demonstrate honesty in their academic pursuits. The university policies regarding issues of honesty can be found in the FGCU Student Guidebook under the Student Code of Conduct and Policies and Procedures sections. All students are expected to study this document which outlines their responsibilities and consequences for violations of the policy. The FGCU Student Guidebook is available online at http://studentservices.fgcu.edu/judicialaffairs/new.html

Disability Accommodations Services

Florida Gulf Coast University, in accordance with the Americans with Disabilities Act and the university's guiding principles, will provide classroom and academic accommodations to students with documented disabilities. If you need to request an accommodation in this class due to a disability, or you suspect that your academic performance is affected by a disability, please contact the Office of Adaptive Services. The Office of Adaptive Services is located in Howard Hall 137. The phone number is 239-590-7956 or TTY 239-590-7930

Student Observance of Religious Holidays

All students at Florida Gulf Coast University have a right to expect that the University will reasonably accommodate their religious observances, practices, and beliefs. Students, upon prior notification to their instructors, shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day. A student who is to be excused from class for a religious observance is not required to provide a second party certification of the reason for the absence.