University of North Carolina at Greensboro  
Bryan School of Business & Economics  
Department of Information Systems & Operations Management  
Spring 2006

Course Number: SCM 432.01; Tuesdays and Thursdays: 3:30PM – 4:45PM.
Course Name: Supply Chain Management Project

Instructor: Dr. Larry Taube

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Fax: 334-4083 Email: larry_taube@uncg.edu

Office Hours: 11AM to Noon on TR, 1-4 on W, and by appointment

Required Materials: No textbook is required for this class. Handouts and other reading material will be used during the semester.

Prerequisites: SCM 306 & SCM 402

Course Description: This is a semester long project. Two types of projects are envisaged: an ERP based project or the development of a computer based system aimed at helping the operational decisions at a firm.

General Course Objectives: The following represent course objectives:

1. This is a capstone course for the SCM concentration in the ISOM department. Therefore students are expected to integrate all acquired knowledge from previous classes such as SCM 360, ISM 402, ISM 240, ISM 301, SCM 306, SCM 402 and ISM 318.

2. This course is designed to provide students with the opportunity to develop a system that is practical and addresses a specific problem that might be faced by an organization.

3. The course will provide an opportunity for students to enhance their communication skills –both oral and written- through the understanding of organizational requirements and the documentation of those requirements.

4. The course will provide an opportunity for students to work in teams and develop the types of skills needed to carry out projects in real world settings.

5. Each student will enroll in a certification course, and study for and take the specific certification exam for that course.

Instructional Methodology: The methods employed to achieve these objectives will vary, but include:

1. Semester-long project.
2. Lectures
3. Guest speakers.
Performance Evaluation & Grading

Grades will be based primarily on the instructor’s evaluation of the assigned (individual or team) project, a certification exam, and a final written report (50/20/30 weighting). The project evaluation will be based on your attendance at class and team meetings, punctuality in meeting assigned deadlines, submission of required progress reports and the completion of individual as well as joint parts of the project. At selected times during the semester each team member will be required to complete an evaluation form covering the contributions of each member of the group. The evaluation will be confidential and will form part of the grade a student receives for the project.

Weekly Progress Reports- Each student will create an excel template to be updated weekly and submitted biweekly. The spreadsheet will report by week the amount of work accomplished, the amount of time committed to the course, and any new skills acquired. Students will use Blackboard’s Digital Drop Box to submit the Reports.

Certification Test- All students will pursue a workshop that is part of a certification process. Each student will attend the workshop and take the certification course for the workshop. Performance on the certification exam will be an additional component to their final, overall grade.

Final Written Report- Students must complete a written report, which discusses their project experience. The written report should consist of an introduction about the firm itself, the company’s history and operations. The next section is a descriptive summary of the duties performed and responsibilities assumed by the student during his or her project. The more substantive requirement of the written report is that the student should discuss what he or she learned as a result of the internship experience and elaborate on how the experience enhanced his or her education. This discussion may include specific examples of how the internship improved the student’s understanding of material covered in other courses, as well as any synergistic effects on his or her education of the combined classroom and workplace experience. One important aspect of the written report is that the student must specifically relate his or her internship experience to the list of learning objectives discussed above. The report should be a minimum of 7 pages and a maximum of 10 pages, single-spaced with 12 point font.

Attendance- All students will be expected to attend all scheduled class meetings. Each team will meet with the instructor periodically to review the team’s progress. All members of the team are required to attend the review sessions; failure to do so will result in lost points for both the team and the team member.

Anyone earning 90% of the 100 points will received at least a grade of A-. 80% efforts will receive a grade of at least B-. Anyone earning 70% of the points will receive at least a C-. A grade of D will be given to all earning between 65% and 69.9%. All others will receive a grade of F.
AACSB Foci and Educational Issues

Oral & Written Communications Content:
All students are expected to actively participate in class discussions and team meetings. Written reports and project documentation will be expected to be of high quality with regard to content, format, and organization.

Technology Applications:
Specific computing technologies will be used in the completion of the semester projects. These technologies include SAP, Access, Oracle, Programming languages, and web development tools. Students will be required learn any necessary computing technologies needed to complete the assigned project.

Ethical Perspectives:
Specific coverage of ethical issues is limited. However, ethical considerations in the design and use of information technology in the context of the assigned project will be discussed.

Global Perspectives:
Discussion of global perspectives is also limited. However, issues dealing with the design of operations and systems technology for a global audience will be discussed as they apply to the assigned project.

Demographic Diversity Perspectives: This will be discussed with regard to the design of systems that recognize the diverse needs of different groups of people.

Political, Social, Legal, Regulatory
& Environmental Perspectives:
The effects of these perspectives as they apply to the design of operational systems will be addressed.

UNCG COURSE CONCERNS

Honor Code Policies:
All students will be expected to abide by the UNCG Honor Code Policy as described in the Policies for Students handbook. Students are responsible for becoming familiar with all aspects of the policy and are expected to pledge their assignments according to that policy.

Electronic Mail
Each student will be expected to check his/her E-mail regularly. The student will be responsible for any announcements and assignments distributed through electronic mail.
Project Documentation
All project documentation is expected to be prepared in a professional manner and will be graded accordingly. A complete set of documentation will be required for each project at the end of the semester.

Ad Hoc Project Demonstrations
At any point in time, the instructor may request a demonstration of work completed by any team up to that point in time.

Project Plans
Each team will be expected to develop a project plan outlining each of the steps to be performed in the project including milestones. This plan is to be updated frequently. A copy of the updated plan should be submitted to the instructor during the “project update presentations” and should also be included in the project portfolio.

Tentative Schedule

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<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>1/10</td>
<td>Introduction/Group Formation</td>
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<td>1/12</td>
<td>Project Requirements</td>
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<td>1/17</td>
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<td>Project Plan Due</td>
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<tr>
<td>1/21</td>
<td>Project Update</td>
<td>10-minute Presentations</td>
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<tr>
<td>1/24</td>
<td>Guest Lecturer</td>
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<tr>
<td>1/31</td>
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<td>10-minute Presentations</td>
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<tr>
<td>2/7</td>
<td>Guest Lecturer</td>
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<tr>
<td>2/14</td>
<td>Project Update</td>
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<td>20-minute Presentations</td>
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<tr>
<td>2/28</td>
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<td>3/14</td>
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<td>4/25</td>
<td>Project Update</td>
<td>20-minute Presentations</td>
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FINAL PRESENTATIONS WILL BE SCHEDULED FOR THE FINAL EXAM.

Discussion regarding various types of SCM432 Projects:

SAP Project Requirements
This project involves the development of several exercises for the logistics module of the SAP software. All the work that is done should be set-up on a web site. That is, the web site will be the repository of all project outcomes and documentation. An example can be found at the following web site http://sap.mis.cmich.edu/sap.intro/index.htm
Details on the project are provided below:
1. The group will prepare summary descriptions on each of the functions within one of the assigned modules. This requirement will be explained in greater detail during our class meeting.
2. Each assignment should state clearly the objectives of that assignment and what an individual performing that assignment is expected to learn.
3. The assignment should, at the minimum, involve “create”, “display”, “change” or other appropriate activities.
4. The assignments should include sufficient variety to permit different users to enter, create or display different types of data.
5. It should provide the full menu path and all the steps involved in completing the assignment.
6. It should include information on all the required data fields; which ones can be skipped and which ones cannot be skipped.
7. At the end of the project, all assignments should be compiled and professionally presented in a project report.

Individuals may also work with Syngenta and other companies on various SAP projects. Individuals working at these sites will have different assignments. The primary goal of this project is for each individual to learn and execute various modules of SAP. The assignments should therefore not only reflect your understanding of SAP but also be sufficiently detailed to permit self-learning by those who will use them later.

Web Development Project Requirements

This project requires you to develop a website for a non-profit organization. The website should be dynamically linked to a database to allow for real time interaction between the website and the database.

The following minimal functionality will be required for the website
1. Provide information on the organization to visitors to the website
2. This information will include history, officers of the organization, membership information, bylaws, meetings, workshops, events, searches, FAQs, important links, archival information etc.
3. Provide access to the organizations newsletters and other publications
4. Allow members of the organization to log onto the site and access personal information
5. Allow non-members to sign up for memberships
6. Allow for e-mail communications
7. Allow both members and non-members to sign up for meetings and workshops
8. Allow for members and non-members to pay registration fees and obtain receipts
9. Allow executive members to keep track of accounting information
10. Provide information about certifications and certification exams and on-line registration
11. Provide different levels of security for different officers of the organization
12. Allow different officers to have access to different data
13. Allow for on-line surveys and collection of data from members and other guests
14. Provide the ability to submit queries e.g. members that certified, corporate
members, meeting attendees etc.

The web site will be evaluated on the basis of functionality, ease of use, appearance,
linkages, navigation, layout, information access, ease of maintenance and other criteria as
deemed necessary by the instructor and others who might be asked to evaluate the site.

**Constraints:** The non-profit organization does not have a lot of resources. This is a
volunteer organization. Therefore, two critical issues to the organization are: 1) 
How to implement the web site with minimal resources (hardware/software),
and 2) How to maintain the web site with minimal human resources. These
should be clearly documented as part of your final project report.

You can develop the web site using any technology, web design tools, database tools etc
that your group is most comfortable with so long as you keep in mind the above issues.

The final report should include all project documentation, the goals and objectives of the
project, suggestions for implementation of the web site, technology requirements (both
hardware and software), maintenance issues etc. The report should be professionally
bound and reflect a project report worthy of submission to top management of the
organization.

Students who select the web site development project are expected to produce a 12 to 15
page research paper on how specific companies or industries use B2B/B2C/ERPII
systems. The bibliography must contain at least 15 different sources, with references to
approximately fifty percent of them.

It is expected that all web site development teams consist of two and only two people. If
a team wishes to use three, those teams must produce an additional team research paper
on a different topic. Again, the specific guidelines produced above must be maintained.

**INDIVIDUAL CERTIFICATION PROJECTS:**
All students will pursue a beginning certification effort, and demonstrate their learning
effectiveness by taking the associated certification exam. It is anticipated that the
majority of students will take the APICS CPIM certification exam, and attend the
Piedmont Triad APICS chapter course on Basics of Supply Chain Management. The
individual grade will be based on the exam score.

**INDIVIDUAL TIME COMMITMENTS**
All students are expected to produce a record of the amount of time spent on this course.
The minimum expectations are at least 135 hours (45 hours of class time plus two hours
of outside time for each class hour). An APICS certification class runs for 10 weeks at 3
hours per week, plus 15 hours for exam study. That would leave about 90 hours for an
internship, at 6 hours a week for 15 weeks. Other combinations are certainly acceptable!