

SCM 7A97 (Section 20421) – Project Management Summer 2016

INSTRUCTOR

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Office Hours: By appointment just before or after class preferred

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TEACHING ASSISTANT - None

CLASS SCHEDULE

Section 20421: Meets every Wednesday beginning July 13th from 6:00 – 10:00 pm thru Wednesday August 10th, 2016 in CEMO Room 101

COURSE DESCRIPTION

This course provides a general introduction to project management. It covers projects from identification of mission, need or commercial opportunity through project economic justification; pre-project definition, planning and programming; evaluation of technical and business risks, integrated cost estimation and scheduling; cost, time, and performance risk assessment; work breakdown structures; project networks; managing to the budget; setting contingency allowances and management reserves; contracting and subcontracting; make-or-buy decisions; integrated project teams; managing multidisciplinary projects; progress and productivity measurement; change management; risk management, forecasting time and cost; etc. Practitioners give examples of actual projects. The objective is to convey how projects are initiated, developed, started, managed to completion, and to gain some “hands on” experience using tools and techniques including MS Project software to accomplish project management objectives.

PREREQUISITES

SCM 6A01 or SCM 6301

COURSE OBJECTIVES

This course is primarily intended to

- Prepare graduates to work effectively in project organizations.
- Encourage students to pursue careers in project management.
- Provide the foundation for further study in project management.

Students completing this course are expected to be able to:

- Understand the nature of projects and the goals of project management.
- Function effectively in project organizations.
- Prepare Statements of Work and Work Breakdown Structures.
- Schedule projects using networks and critical path methods.
- Assess project uncertainties and actively manage risks.
- Prepare effective project management plans.
- Measure and evaluate project progress using Earned Value methods.
- Understand the management of project scope, quality, cost, and schedule.

TEXTBOOK AND ADDITIONAL COURSE MATERIAL

Textbook

- Jeffrey K. Pinto, Project Management, Achieving Competitive Advantage, 4th Edition, 2016. ISBN 978-0-13-379807-4

References

- A Guide to the Project Management Body of Knowledge (PMBOK® Guide) - Fifth Edition by the Project Management Institute
<http://marketplace.pmi.org/Pages/ProductDetail.aspx?GMProduct=00101388701>
- I have been collaborating with Dr. Gary Richardson in the College of Technology and he has offered a helpful online tutorial for MS Project at: www.tech.uh.edu/projectnmotion

EXAM SCHEDULE

Mid Term Exam during regular class time: 07/27/16

Final Exam during regular class time: 08/10/16

ASSIGNMENTS, HOMEWORK and QUIZES

Homework will be assigned and there will be some in class quizzes. Only some of the homework assignments will be collected for grading. I will announce which assignments have to be submitted for grading.

GRADING

The following grade breakdown will be used for this class:

Team Assignments and Individual Quizzes	25%
Mid-Term Exam	25%
Term Team Project	25%
Final Exam	25%
Total	100%

The grade for each student will be determined according to the following scale:

A	90-100
B	80-89
C	70-79
D	60-69
F	<60

CLASSROOM COMPUTERS

During class, the keyboard should be placed behind the computer monitor unless you have been asked to use the computers as part of the lecture.

COURSE WEB SITE: Blackboard Learn

COURSE POLICY AND PROCEDURES

Students are required to comply with all University of Houston academic regulations, policies and rules. See website for details: www.uh.edu/academics/catalog/policies/academ-reg

PROFESSIONALISM /PARTICIPATION/ADVANCING THE LEARNING OF OTHERS

I view each class as a business meeting during which time we will discuss the assigned material and related topics. During these meetings, I look for evidence of your preparation and understanding of the class material. This can only be exhibited by your in class contributions. Of particular importance are those contributions that help advance the understanding of others. Class attendance alone does not represent participation. Each student is also expected to conduct himself/herself in a professional manner as expected of future business leaders. This includes respect for others, proper cell phone and computer etiquette, and timeliness among other factors.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

The C.T. Bauer College of Business would like to help students who have disabilities achieve their highest potential. To this end, in order to receive academic accommodations, students must register with the Center for Students with Disabilities (CSD – telephone 713-743-5400), and present approved accommodation documentation to their instructors in a timely manner.

ACADEMIC HONESTY POLICY

The University of Houston Academic Honesty Policy is strictly enforced by the C.T. Bauer College of Business. No violations of this policy will be tolerated in this course. A discussion of the policy is included in the University of Houston Student Handbook which can be found at http://www.uh.edu/provost/policies/uhhonesty_policy.html. Students are expected to be familiar with this policy.

ACCESS TO MS PROJECT 2010

Our UH Library offers a Virtual Learning Commons using VMWare Horizon View that will allow UH Students to download and connect to a virtual computer via their CougarNet login and access Microsoft Project 2010. Here is a link to the webpage for more information and instructions:

<http://ask.lib.uh.edu/a.php?qid=485572&m=p>

This service is available anywhere, anytime, and almost any device including Mac and PC.

Recommend a Laptop or PC over other mobile devices, use IPv4, use server <https://vcon.lib.uh.edu>

You will find MS Project 2010 under MS Office Programs once you connect

Tentative Course Schedule

Week	Class Dates	Topics
1	7/13/2016	<p>Introduction: Why Project Management? & Syllabus Review – Chapter 1 (Lecture) Case Study 1.4 Rescue Chilean Miners – Answer Questions</p> <p>The Organizational Context: Strategy, Structure, and Culture – Chapter 2 (Lecture) Case Study 2.3 Project Task Estimation – Answer Questions</p> <p>Project Selection and Portfolio Management – Chapter 3 (Lecture) Case Study 3.2 Project Selection at Nova Western – Answer Questions</p> <p>Quiz 1</p>
2	7/20/2016	<p>Leadership and the Project Manager – Chapter 4 (Lecture) Case Study 4.1 In Search of Effective Project Managers – Answer Questions</p> <p>Scope Management – Chapter 5 (Lecture) MS Project Exercise Page 179 – Turn in copy of output</p> <p>Project Team Building, Conflict, and Negotiation – Chapter 6 (Lecture) Exercise in Negotiation on Page 219, Team assigned SteelFabrik or SFI Perspective</p> <p>Quiz 2</p>
3	7/27/2016	<p>Midterm Exam: Chapters 1-6 plus Case Studies and MS Project Basics</p> <p>Risk Management – Chapter 7 (Lecture) Team Activity – Integrated Project Risk Assessment Page 253</p> <p>Cost Estimation and Budgeting – Chapter 8 (Lecture) Team Activity – Integrated Project Cost Estimates/Budget Page 292</p>
4	8/03/2016	<p>Project Scheduling: Networks, Duration, and Critical Path – Chapter 9 (Lecture) Team Activity - MS Project Exercise 9.1 Page 328 – Turn in copy of output</p> <p>Project Scheduling: Lagging, Crashing, & Activity Networks – Chapter 10 (Lecture) Team Activity – Integrated Project Scheduling Page 363</p> <p>Resource Management – Chapter 12 (Lecture) Team Activity – MS Project Exercise 12.1 – Turn in copy of output</p> <p>Quiz 3</p>
5	8/10/2016	<p>Project Evaluation and Control – Chapter 13 (Lecture) Case Study 13.3 Boeing’s 787 Dreamliner: Failure to Launch – Answer Questions</p> <p>Project Closeout and Termination – Chapter 14 (Lecture)</p> <p>Team Project Summaries Final Exam</p>

Appendix B: Tutorial for MS Project Page 510