

SCM 7A97 (Section 26892) – Project Management Spring 2018

INSTRUCTOR

Dale L. Tibodeau, D. Eng

dltibodeau@bauer.uh.edu

Office: Melcher 275D

Office Hours: By appointment just before or after class preferred

Phone: 713-743-4691 Office or 713-502-5118 Mobile (Mobile is best)

TEACHING ASSISTANT - None

CLASS SCHEDULE

Section 26892: Meets every Monday beginning March 19th from 6:00 – 8:50 pm thru Monday April 30, 2018 in MH 112. Final exam will be Monday May 7th, 2018

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 and Harvard Business Publishing for Cases, Content and Simulation

- Jeffrey K. Pinto, Project Management, Achieving Competitive Advantage, 4th Edition, 2016. ISBN 978-0-13-379807-4
- You will need my HB Course Pack found at: <http://cb.hbsp.harvard.edu/cbmp/access/57774523>

Note: It is required you buy an individual course pack as there is a simulation that will be graded individually. If you don't purchase it you will get a zero for that 10% of your grade

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/projectmotion

EXAM SCHEDULE

Mid Term Exam during regular class time: 04/09/18

Final Exam during regular class time: 05/07/18

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:

In-Class Project Simulation	10%
Team Assignments and Class Participation	20%
Individual Quizzes	20%
Mid-Term Exam	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	3/19/2018	<p>Introduction & Syllabus Review: Why Project Management? – Chapter 1 (Lecture) Team Activity - HB Case Study: “How To Fail In Project Management (Without Really Trying)” by Jeffrey K. Pinto and Om Kharbanda (BH010)</p> <p>The Organizational Context: Strategy, Structure, and Culture – Chapter 2 (Lecture) Team Activity - HB Chapter: “Reinventing Project Management for Your Organization” by Aaron Shenhar and Dov Dvir (2846BC)</p> <p>Project Selection and Portfolio Management – Chapter 3 (Lecture)</p>
2	3/26/2018	<p>Quiz 1</p> <p>Leadership and the Project Manager – Chapter 4 (Lecture)</p> <p>Scope Management – Chapter 5 (Lecture) Team Activity - HB Chapter: Pace: One Dimension of Adaptive Project Management Team Activity - HB Chapter: Complexity: One Dimension of Adaptive Project Management</p>
3	4/2/2018	<p>Quiz 2</p> <p>Project Team Building, Conflict, and Negotiation – Chapter 6 (Lecture) Team Activity = HB Chapter: Novelty: One Dimension of Adaptive Project Management</p> <p>Individual class Project Management Simulation (bring your laptop): Scope, Resources, and Schedule</p>
4	4/9/2018	<p>Midterm Exam: Chapters 1-6 plus Case Studies and MS Project Basics</p> <p>Risk Management – Chapter 7 (Lecture)</p>
5	4/16/2018	<p>Cost Estimation and Budgeting – Chapter 8 (Lecture) Team Activity - HB Case: Turner Construction Company: Project Management Control Systems (5-191-124)</p> <p>Project Scheduling: Networks, Duration, and Critical Path – Chapter 9 (Lecture) Team Activity – The Wedding Case</p>
6	4/23/2018	<p>Quiz 3</p> <p>Project Scheduling: Lagging, Crashing, & Activity Networks – Chapter 10 (Lecture) Team Activity – The Wedding Case</p> <p>Resource Management – Chapter 12 (Lecture)</p>
7	4/30/2018	<p>Quiz 4</p> <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>
8	5/7/2018	Final Exam

Appendix B: Tutorial for MS Project Page 510