OM 7061: PROJECT MANAGEMENT  
SUMMER 2016

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Office Hours: Mon 2-4 PM, TTH 11 AM-1PM

1  COURSE CONTENT

This course covers detailed issues related to managing projects in organizations. The course covers, in six separate modules:

✓ Concepts of project planning and organization, budgeting and control, and project life cycles and concepts related to organizational workflow including the staffing process, and project planning elements; related concepts of organizational forms, conflict resolution, and issues related to leadership and task management in a project environment.

✓ Advanced concepts of project scheduling, including WBS, CPM, PERT, simulation, project budgeting, earned value analysis, project tracking and resource constrained scheduling. This includes setting up projects on Microsoft project and using the information for budgeting, resource management, tracking and ongoing communication and evaluation of projects.

COURSE MATERIALS

Required


Optional

➢ PMBOK (Project Management Body of Knowledge) from Project Management Institute
➢ Any Microsoft Project 2013 reference book

2  COURSE POLICIES AND GRADING

Drops and Incompletes are not allowed. Late submissions will not be accepted. Unexcused absence of more than two classes will result in the Instructor filling a ‘drop grade of F’ form. Students must preserve all submitted materials till the end of the course.

Your grade will be based on your overall performance on the following:

➢ Assignments (5) 600
➢ Exam 400

Assignments are due on the dates shown on the schedule. Late assignments will not be accepted. Exam will consist of Project Management Institute exam style multiple choice questions, short answers, and problems. I may also give you a situation to analyze or ask you to interpret a Microsoft project printout. Sample exam is posted on Blackboard.

3  COURSE PEDAGOGY AND DETAILS

To prepare for a class, read the book chapters and cases. I will post handouts on Blackboard to support the material, and use tables and figures from the book. We will typically review a case and/or problems and then cover the material for the next session. We will also typically spend the last hour of the class with your laptop on software (lab). Download a (FREE trial) copy of MS project 2013 and install it on your PC; alternatively, setup VMWare so that you can access UCVlabs and access MS project in the cloud. You must have a laptop and working copy of MS Project 2013, Excel with Solver, and @RISK installed in weeks 3, 4, and 5.
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Case and Work due</th>
<th>Readings</th>
<th>Details</th>
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<tbody>
<tr>
<td>1 6/27</td>
<td>Introduction, Project Selection and Portfolio management</td>
<td>NS1, NS 3, NS 17</td>
<td>Body of Knowledge, Objectives, Risks, types of PManagers, Forms of PM, Stakeholders, PM Maturity, PMO, Critical success factors, Project life cycle, Proposal development and justification, Project charter, Financial models, AHP models, Portfolio models, feasibility, scoring models, contracts</td>
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<tr>
<td>2 7/4</td>
<td>Holiday</td>
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<td>2 7/11</td>
<td>Project definition</td>
<td>WRITTEN ASSIGNMENT 2 PAGES PLUS APPENDICES</td>
<td>NS 4,NS 5, Tutorial 1: MS project scheduling and @RISK</td>
<td>Submit group assignment 1: Pan Europa Foods Functional/non-functional requirements, Agile PM, QFD, WBS, Responsibility matrix, Charter, Champion, SoW, Communications plan, Gantt charts, dependencies, Network diagrams, CPM/PERT</td>
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<tr>
<td>3 7/18</td>
<td>Schedule and Resource Management</td>
<td>NS 6,NS 7, Tutorial 2: Resource management in MS project</td>
<td>Submit Individual assignment 1 Critical path and slack, crashing, incentives, Optimization and simulation, Types of resources/constraints, Resource management in MS project, Critical chain thinking</td>
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<tr>
<td>4 7/25</td>
<td>Budgeting and Project Control</td>
<td>Submit Individual assignment 2</td>
<td>NS 8, 11, Tutorial 4: Budgeting in MS project</td>
<td>Submit individual assignment 2 Budgets, escalation, overhead, reserves, estimation, cost accounting system, scope control, earned value, forecasting</td>
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<td>5 8/1</td>
<td>Risk management</td>
<td>Submit individual assignment 3</td>
<td>NS10</td>
<td>Submit group assignment 2: DU Singer, WRITTEN ASSIGNMENT 2 PAGES PLUS LOTS of APPENDICES Risk analysis and management</td>
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<td>6 8/6</td>
<td>Submit take home final by Sat, August 6, 11:59 PM to <a href="mailto:amit.raturi@uc.edu">amit.raturi@uc.edu</a></td>
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