

<b>COURSE NUMBER:</b> IE 5541, 4 credits	<b>COURSE TITLE:</b> Project Management
<b>TERMS OFFERED:</b> Fall, Spring	<b>PREREQUISITES:</b> Upper div or grad student
<b>TEXTBOOKS/REQUIRED MATERIAL:</b> Course Packet Project Management: The Managerial Process, by Clifford Gray and Erik Larson (Robin Schaller)	<b>COGNIZANT FACULTY:</b> Robin Schaller  <b>DATE OF PREPARATION:</b> April 27, 2004 (Updated May 21, 2007 by Bill Cooper)
<b>COURSE LEADER(S):</b> Robin Schaller	<b>CLASS/LABORATORY SCHEDULE:</b> A 2-hour lecture twice per week. (Robin Schaller)  <b>CONTRIBUTION OF COURSE TO MEETING PROFESSIONAL OBJECTIVES:</b> 100% Engineering & Information Technology Topics
<b>CATALOG DESCRIPTION:</b> This course is intended to provide an introduction to engineering project management. Its objective is to expose students to analytical methods of selecting, organizing, budgeting, scheduling, and controlling projects, including risk management, team leadership, and program management.	<b>COURSE TOPICS:</b> Project screening and selection; methods for project evaluation; project organization; project scheduling; project budgeting; team and human resource management; lifecycle costing; project control; computer support for project management; project termination; risk management; international projects; program management.

<b>COURSE OBJECTIVES</b>	This course is intended to provide an introduction to engineering project management. The goal of the course is to expose students to analytical methods of selecting, organizing, budgeting and scheduling of projects. Additional emphasis is on risk management and computer-assisted project management.
<b>COURSE OUTCOMES</b>	<p><b>[Letters shown in brackets are linked to program outcomes a-k]</b></p> <ol style="list-style-type: none"> <li>1. Students learn analytical methods for selecting, organizing, budgeting and scheduling of projects [a,c,e]</li> <li>2. Students learn how to communicate with, motivate, and manage project team members [d,f,g]</li> <li>3. Students learn how to evaluate and control project progress, performance and risk. [a,c,e]</li> <li>4. Students are familiarized with applications of project management techniques in product development, manufacturing, distribution and logistics [c,e,k]</li> </ol>
<b>ASSESSMENT TOOLS:</b>	<ol style="list-style-type: none"> <li>1. Several take home assignments</li> <li>2. 3 in-class exams</li> <li>3. Group projects and presentations</li> </ol>

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***Nature of Changes:***

1. *The course is now offered in both the Fall and Spring semesters*
2. *One of the course leaders, Kathy Schwalbe, is no longer with the department. References to her are omitted*
3. *The course was reduced from 7 course hours per week to 4 course hours per week.*