## ENGINEERING PROJECT MANAGEMENT - MINOR

### Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTDE 333</td>
<td>Project Management for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>MTDE 380</td>
<td>Seminar Series in Engineering Project Management</td>
<td>1</td>
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</table>

**Business Management and Leadership**

Select from the following: 2-4

- ENGR 251 Creating a Self-Aware Leader
- ENGR 350 Leading for Impact in Engineering, Business and Society
- ENGR 351 The Role of Engineering and Business in Society
- ENGR 450 Finding Your Leadership Qualities
- ENGR 451 Leading for a Lifetime: Continual Learning and Influence
- ESET 319 Engineering Leadership
- MGMT 309 Survey of Management
- SOMS 380 Workshop in Leadership Education
- SOMS 381 Workshop in Leadership Education II
- SOMS 481 Seminar in Executive Leadership
- SOMS 482 Seminar in Executive Leadership II

**Economics, Systems, and Decisions**

Select from the following: 2-9

- CHEN 430/ SENG 430 Risk Analysis in Safety Engineering
- CHEN 460/ SENG 460 Quantitative Risk Analysis in Safety Engineering
- CVEN 322 Civil Engineering Systems
- ESET 329 Six Sigma and Applied Statistics
- ISEN 302 Economic Analysis of Engineering Projects
- ISEN 330 Human Systems Interaction
- ISEN 350 Quality Engineering
- ISEN 440 Systems Thinking
- ISEN 442 Organizational Systems
- MMET 320 Quality Assurance
- PETE 353 Petroleum Project Evaluation
- SENG 312 System Safety Engineering

**Project Management Applications**

Select from the following: 3-9

- BMEN 469 Entrepreneurial Pathways in Medical Devices
- CSCE 482 Senior Capstone Design
- CSCE 483 Computer Systems Design
- CVEN 349 Civil Engineering Project Management
- CVEN 400 Design Problems in Civil Engineering
- CVEN 405 Construction Management of Field Operations
- CVEN 473 Engineering Project Estimating and Planning
- ECEN 403 Electrical Design Laboratory I
- ECEN 404 Electrical Design Laboratory II
- ENGR 401 Interdisciplinary Design
- ENGR 402 Interdisciplinary Design II
- ENGR 461 Engineering Product Lean Launch
- ESET 419 Engineering Technology Capstone I
- ESET 420 Engineering Technology Capstone II
- ISEN 460 Capstone Senior Design
- ITDE 401 Interdisciplinary Engineering Capstone Design I
- ITDE 402 Interdisciplinary Engineering Capstone Design II
- MEEN 401 Introduction to Mechanical Engineering Design
- MEEN 402 Intermediate Design
- MMET 429 Managing People and Projects in a Technological Society
- MSEN 401 Materials Research and Design I
- MSEN 402 Materials Research and Design II
- PETE 402 Integrated Asset Development

**Total Semester Credit Hours**: 16

Minimum required GPA to declare minor is a 2.5.

Must earn a grade of C or better in each course used towards minor.

Must achieve an overall GPA of 2.5 in approved minor coursework.