

# Program Change Request

Date Submitted: 05/05/17 9:41 am

Viewing: **MINOR-ENPM : Engineering Project Management - Minor**

Last approved: 03/23/17 5:12 pm

Last edit: 06/07/17 2:10 pm

Changes proposed by: kgodsey25

Catalog Pages Using this Program [Engineering Project Management - Minor](#)

## In Workflow

1. CLEN Department Head
2. Curricular Services Review
3. EN Committee Preparer UG
4. EN Committee Chair UG
5. EN College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

## Contact(s)

| Name           | E-mail             | Phone        |
|----------------|--------------------|--------------|
| Katelyn Godsey | kgodsey25@tamu.edu | 979-847-6164 |

Academic level Undergraduate

Effective Term 2018-2019

Department College of Engineering

College Engineering

Program type Minor

With a minor in Engineering Project Management (ENPM)

Catalog Program Title  
Engineering Project Management - Minor

Rationale for Proposal  
**Current course names have changed and need to be updated to match the new courses.**

Program hours **16**

Is this program eligible for financial aid?

Will program hours change (increase/decrease) due to the proposed curriculum changes? No

## Approval Path

1. 05/05/17 12:55 pm  
John Hurtado (jehurtado): Approved for CLEN Department Head
2. 05/10/17 6:02 pm  
Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 05/24/17 2:32 pm  
Eileen Hoy (ehoy): Approved for EN Committee Preparer UG
4. 05/25/17 1:33 pm  
Prasad Enjeti (enjeti): Approved for EN Committee Chair UG
5. 05/25/17 1:34 pm  
Prasad Enjeti (enjeti): Approved for EN College Dean UG
6. 06/07/17 2:11 pm  
Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 08/10/17 9:08 am  
Sandra Williams (sandra-williams): Approved for UCC Chair

## Catalog Program Requirements

## History

1. Mar 23, 2017 by Sandra Williams (sandra-williams)
2. Mar 23, 2017 by Sandra Williams (sandra-williams)

## Course List

| Code  | Title  | Semester Credit Hours |
|---|--|-----------------------|
| Core Courses  |  |                       |
| <a href="#">ENGR 333</a>  | Project Management for Engineers   | 3                     |
| <a href="#">ENGR 380</a>  | Seminar Series in Engineering Project Management   | 1                     |
| Business Management and Leadership                                    |  |                       |
| Select from the following:  |  | 2-4                   |
| <a href="#">ENGR 250</a>  | <b>Principles in Engineering Leadership</b>  |                       |
| <a href="#">ENGR 350</a>  | <b>Engineering Leadership and Business Fundamentals</b>  |                       |
| <a href="#">ENGR 351</a>  | <b>The Role of Engineering and Business in Society</b>   |                       |
| <a href="#">ENGR 450</a>  | <b>Exploring Your Engineering Leadership Qualities and Perspective</b>   |                       |
| <a href="#">ENGR 451</a>  | <b>Engineering Leadership Capstone</b>   |                       |
| <a href="#">ESET 319</a>  | Engineering Leadership   |                       |
| <a href="#">ENGR 289</a>  | <del>Special Topics in... (Introduction to Engineering Leadership)</del>   |                       |
| <a href="#">ENGR 489</a>  | <del>Special Topics in Introduction to MEEN Graduate School (Leadership and Business Fundamentals)</del>                       |                       |
| <a href="#">ENGR 489</a>  | <del>Special Topics in Introduction to MEEN Graduate School (Role of Engineering and Business in Society)</del>                |                       |
| <a href="#">ENGR 489</a>  | <del>Special Topics in Introduction to MEEN Graduate School (Exploring Your Leadership Qualities and Perspective)</del>        |                       |
| <a href="#">ENGR 489</a>  | <del>Special Topics in Introduction to MEEN Graduate School (Leadership Capstone)</del>  |                       |
| <a href="#">MGMT 309</a>  | Survey of Management   |                       |
| <a href="#">SOMS 380</a>  | Workshop in Leadership Education   |                       |
| <a href="#">SOMS 381</a>  | Workshop in Leadership Education II  |                       |
| <a href="#">SOMS 481</a>  | Seminar in Executive Leadership  |                       |
| <a href="#">SOMS 482</a>  | Seminar in Executive Leadership II   |                       |
| Project Economics, Analysis and Decisions                             |  |                       |
| Select from the following:  |  | 2-6                   |
| <a href="#">CHEN 430/SENG 430</a>                                     | Risk Analysis in Safety Engineering  |                       |
| <a href="#">CVEN 322</a>  | Civil Engineering Systems  |                       |
| <a href="#">ISEN 210</a>  | <b>Fundamentals of Industrial Engineering Design</b>   |                       |
| <a href="#">ISEN 302</a>  | Economic Analysis of Engineering Projects  |                       |
| <a href="#">PETE 353</a>  | Petroleum Project Evaluation   |                       |
| Application of Project Management Tools                               |  |                       |
| <a href="#">CSCE 315</a>  | Programming Studio   |                       |
| <a href="#">CSCE 431</a>  | Software Engineering   |                       |
| Select from the following:  |  | 3-6                   |
| <a href="#">ISEN 411</a>  | <del>Engineering Management Techniques</del>   |                       |
| <a href="#">BMEN 469</a>  | Entrepreneurial Issues in Biomedical Engineering   |                       |
| <a href="#">MEEN 489</a>  | <del>Special Topics in...MEEN Graduate Program Seminar (Entrepreneurship Related to Nanomaterials Application in Energy)</del> |                       |
| <a href="#">CHEN 460/SENG 460</a>                                     | Quantitative Risk Analysis in Safety Engineering   |                       |
| <a href="#">CVEN 349</a>  | Civil Engineering Project Management   |                       |
| <a href="#">CVEN 405</a>  | Construction Management of Field Operations  |                       |
| <a href="#">CVEN 473</a>  | Engineering Project Estimating and Planning  |                       |
| <a href="#">ESET 329</a>  | Six Sigma and Applied Statistics   |                       |
| <a href="#">ESET 419</a>  | Engineering Technology Capstone I  |                       |
| <a href="#">ISEN 330</a>  | Human Systems Interaction  |                       |
| <a href="#">ISEN 442</a>  | <b>Organizational Systems</b>  |                       |
| <a href="#">SENG 312</a>  | System Safety Engineering  |                       |
| Project Experience as Directed Studies                                |  |                       |
| Select from the following:  |  | 0-3                   |
| <a href="#">ENGR 485</a>  | Directed Studies (Internship Project, Campus Project or Community Project)   |                       |
| <a href="#">ENGR 491</a>  | Research (Research Project)  |                       |
| 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.      |  |                       |

## Additional information

Required Proposal Forms [Engineering Project Managment Degree Evaluation.pdf](#)

Reviewer Comments **Sandra Williams (sandra-williams) (05/04/17 2:01 pm):** Rollback: Please attach edited degree evaluation for the changes to the minor.  
**Sandra Williams (sandra-williams) (05/10/17 6:02 pm):** Update received.  
**Sandra Williams (sandra-williams) (08/10/17 9:08 am):** Approved by UCC (August).

Course Reviewer Comments **Sandra Williams (sandra-williams) (05/04/17 2:01 pm):** Rollback: Please attach edited degree evaluation for the changes to the minor.  
**Sandra Williams (sandra-williams) (05/10/17 6:02 pm):** Update received.  
**Sandra Williams (sandra-williams) (08/10/17 9:08 am):** Approved by UCC (August).

Key: 538

**Area : Engineering Project Mgmt Minor ( 16.000 credits ) - Not Met**

**Description :** Minimum of 6 hours at 300- to 400- level.  
 Minimum required GPA to declare minor is 2.5.  
 Achieve an overall GPA of 2.5 in approved minor coursework.  
 ENGR 333 must be taken in junior year.

| Met | Condition | Rule | Subject   | Attribute  | Low    | High | Required Credits | Required Courses | Term | Subject | Courses | Title | Attribute | Credits | Grade | Source |
|-----|-----------|------|---|--|--------|------|------------------|------------------|------|---------|---------|-------|-----------|---------|-------|--------|
| No  |           | A.   | ENGR 333  | 3hrs   |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | Must earn a grade of 'C' or better  |  |        |      |                  |                  |      |         |         |       |           |         |       |        |
| No  | AND       | B.   | ENGR 380  | 1hr  |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | Must earn a grade of 'C' or better  |  |        |      |                  |                  |      |         |         |       |           |         |       |        |
| No  | AND       | C.   | Electives   | 12hrs  |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | Select 12hrs from the following categories.<br>Must earn a grade of 'C' or better in each course. |  |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | 1.  | Business Mgmt & Ldrshp   | 2-4hrs |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Minimum of 2hrs and maximum of 4hrs. <b>ESET 319</b>   |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Select from <del>ESET 151</del> ; MGMT 309; SOMS 380, 381, 481, 482. <b>ENGR 250, 350, 351, 450, 451</b> |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | 2.  | Project Econ & Analysis  | 2-6hrs |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Minimum of 2hrs and maximum of 6hrs.   |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Select from CVEN 322; CHEN/SENG 430; ISEN 302, <del>303</del> ; PETE 353. <b>ISEN 210</b>                |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      | 3.  | Appl Project Mgmt Tools  | 3-6hrs |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Minimum of 3hrs and maximum of 6hrs.   |        |      |                  |                  |      |         |         |       |           |         |       |        |
|     |           |      |   | Select from BMEN 469; CHEN/SENG 460; CSCE 315, 431; CVEN 349, 405,                                       |        |      |                  |                  |      |         |         |       |           |         |       |        |

473; ESET 329, 419; ~~ISEN 411, 430~~;  
SENG 312. ISEN 442, ISEN 330

4. Directed Studies 0-3hrs Minimum of  
0hrs and maximum of 3hrs.  
Select from ENGR 485, 491.

Total Credits and GPA 0.000 .00

unofficial evaluation