

Program Change Request

Date Submitted: 11/02/18 11:51 am

Viewing: **CERT-CU19 : Engineering Systems Management - Certificate**

Last approved: 01/19/18 5:00 pm

Last edit: 11/08/18 7:46 pm

Changes proposed by: yesenia_zavala

[Engineering Systems Management - Certificate](#)

Catalog Pages Using
this Program

In Workflow

1. ISEN 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 |
|----------------|-------------------------|--------------|
| Yesenia Zavala | yesenia_zavala@tamu.edu | 979-458-2349 |

Academic level Undergraduate

Effective Term 2019-2020

Department Industrial & Systems Eng

College Engineering

Program type Certificate

Associated Program **Not Applicable**

With a certificate in Engineering Systems Management

Catalog Program Title
Engineering Systems Management - Certificate

CIP and Fund code 1435010006

Rationale for Proposal

Program hours 12

Is this program eligible
for financial aid?

Will program hours
change
(increase/decrease)
due to the proposed
curriculum changes?

Certificate type
Degree-dependent

Program delivery mode
On-campus

Approval Path

1. 09/18/18 2:35 pm
Mark Lawley
(malawley): Approved
for ISEN Department
Head
2. 09/19/18 4:46 pm
Angel Mario Carrizales
(carri1214): Rollback to
Initiator
3. 11/20/18 11:01 am
Mark Lawley
(malawley): Approved
for ISEN Department
Head
4. 11/20/18 11:28 am
Angel Mario Carrizales
(carri1214): Approved
for Curricular Services
Review
5. 11/20/18 2:01 pm
Eileen Hoy (ehoy):
Approved for EN
Committee Preparer UG
6. 11/20/18 2:47 pm
Prasad Enjeti (enjeti):
Approved for EN
Committee Chair UG
7. 11/20/18 2:48 pm
Prasad Enjeti (enjeti):
Approved for EN
College Dean UG
8. 11/20/18 2:53 pm
Sandra Williams
(sandra-williams):
Approved for UCC
Preparer
9. 12/10/18 10:35 am
Terra Bissett (t.bissett):
Approved for UCC Chair

Catalog Program Requirements

History

1. Mar 9, 2017 by Angela Allensworth (arankin)
2. Jun 6, 2017 by Angela Allensworth (arankin)
3. Jul 7, 2017 by Angel Mario Carrizales (carri1214)
4. Jan 19, 2018 by Sandra Williams (sandra-williams)

Course List

| Code | Title | Semester Credit Hours |
|------------------------------|--|-----------------------|
| ISEN 411 | Engineering Management Techniques | 3 |
| ISEN 440 | Systems Thinking | 3 |
| ISEN 442 | Organizational Systems | 3 |
| Select two of the following: | | 6 |
| ACCT 209 | Survey of Accounting Principles | |
| AERO 426 | Space System Design | |
| CHEN 461 | Process Dynamics and Control | |
| CVEN 402 | Engineered Environmental Systems | |
| ECEN 420 | Linear Control Systems | |
| ECEN 460 | Power System Operation and Control | |
| ISEN 414 | Total Quality Engineering | |
| ISTM 209 | Business Information Systems Concepts | |
| MEEN 441 | Design of Mechanical Components and Systems | |
| MGMT 209 | Business, Government and Society | |
| MGMT 309 | Survey of Management | |
| PETE 325 | Petroleum Production Systems | |
| Total Semester Credit Hours | | 12 |

Additional information ~~01-19-2018 - updates made to CIP code- sw~~

Required Proposal Forms [UCT-ENSM 2019-2020.pdf](#)

Reviewer Comments **Angel Mario Carrizales (carri1214) (09/19/18 4:46 pm):** Rollback: Please attach an edited certificate evaluation from Howdy that matches the proposed catalog edits.
Angel Mario Carrizales (carri1214) (11/20/18 11:28 am): Initial concerns addressed.
Terra Bissett (t.bissett) (12/10/18 10:35 am): UCC approved December 2018.

Key: 150


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Detail Requirements

Yesenia E. Zavala
Nov 02, 2018 11:42 am

Viewing: Degree Evaluation (DEGEVAL, , Email)
Change Student

Information for Degree Evaluation

 This is NOT an official evaluation.

Print Instructions

Program Evaluation

Limitation No more than 50% of courses required for the degree plan can be taken as Distance Education Courses for non-distance degree programs.

| | | | |
|----------------------|--------------------------|-----------------------------------|-----------------------------|
| Program : | Cert-Engr Systems Mgmt | Catalog Term : | Fall 2018 - College Station |
| Campus : | College Station | Evaluation Term : | Fall 2018 - College Station |
| College : | Engineering | Expected Graduation Date : | |
| Degree : | UG Certificate | Request Number : | 12 |
| Level : | Undergraduate | Results as of : | Nov 02, 2018 |
| Majors : | Engineering Systems Mgmt | Minors : | |
| Departments : | Industrial & Systems Eng | Concentrations : | |

| | Met | Credits | Courses | | |
|---------------------------------|-----|----------|---------|----------|------|
| | | Required | Used | Required | Used |
| Total Required : | No | 12.000 | 0.000 | | 0 |
| Program GPA : | Yes | .00 | .00 | | |
| Overall GPA : | No | 2.00 | .00 | | |
| Other Course Information | | | | | |
| Transfer : | | | 0.000 | | 0 |

This is NOT an official evaluation.

Area Certificate Coursework (12.000 credits) - Not Met

| Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term | Subject | Course Title | Attribute | Credits | Grade | Source |
|---|-----------|------|-----------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---------|-------|--------|
| No | | A. | ISEN 441 | 3hrs | | | | 442 | | | | | | | |
| No | AND | B. | ISEN 440 | 3hrs | | | | | | | | | | | |
| No | AND | C. | Electives | 6hrs | | | | | | | | | | | |
| Select from AERO 426; CHEN 461; CVEN 402; ECEN 420, 460; ISEN 414; ISTM 209; MEEN 441; MGMT 209, 309; PETE 325. | | | | | | | | | | | | | | | |
| Total Credits and GPA | | | | | | | | | | | | | 0.000 | .00 | |

unofficial evaluation

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