

# Program Change Request

Date Submitted: 11/02/18 11:37 am

## Viewing: **CERT-CU12 : Data Center Operations Engineering - Certificate**

Last edit: 11/20/18 11:32 am

Changes proposed by: yesenia\_zavala

Catalog Pages Using [Data Center Operations Engineering - Certificate](#) 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 Data Center Operations Engineering Certificate

Catalog Program Title  
 Data Center Operations Engineering - Certificate

CIP and Fund code **1437010006**

Rationale for Proposal

Program hours **13**

Is this program eligible for financial aid?

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

Certificate type **Stand-alone**

Program delivery mode **On-campus**

### Approval Path

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

### Catalog Program Requirements

Code	Title	Course List	Semester Credit Hours
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Code	Title	Semester Credit Hours
<a href="#">ISEN 440</a>	Systems Thinking	3
Select one of the following:		
<a href="#">CSCE 110</a>	Programming I	4
<a href="#">CSCE 111</a>	Introduction to Computer Science Concepts and Programming	
<a href="#">CSCE 206</a>	Structured Programming in C	
<a href="#">CSCE 121</a>	<b>Introduction to Program Design and Concepts</b>	
Select two of the following:		
<a href="#">CSCE 438</a>	Distributed Systems	6
<a href="#">CSCE 444</a>	Structures of Interactive Information	
<a href="#">CSCE 470</a>	Information Storage and Retrieval	
<a href="#">ECEN 455</a>	Digital Communications	
<a href="#">ISEN 340</a>	<b>Operations Research II</b>	
<a href="#">ISEN 350</a>	<b>Quality Engineering</b>	
<a href="#">ISEN 414</a>	Total Quality Engineering	
<a href="#">ISEN 421</a>	<b>Course ISEN 421 Not Found</b>	
<a href="#">ISEN 442</a>	<b>Organizational Systems</b>	
<a href="#">ISEN 489</a>	Special Topics in...	
<a href="#">MEEN 461</a>	Heat Transfer	
<a href="#">ISEN 314</a>	<b>Course ISEN 314 Not Found</b>	
<a href="#">ISEN 411</a>	<b>Engineering Management Techniques</b>	
<a href="#">MEEN 436</a>	Principles of Heating, Ventilating and Air Conditioning	
<a href="#">MEEN 421</a>	Thermal-Fluids Analysis and Design	
Total Semester Credit Hours		13

## Additional information

Required Proposal  
Forms

[UCT-DCEN 2019-2020.pdf](#)

Reviewer Comments

**Angel Mario Carrizales (carri1214) (11/01/17 11:44 am):** Rollback: Clarification required. Initiator was contacted with detailed comments.

**Angel Mario Carrizales (carri1214) (11/20/18 11:34 am):** Initial concerns addressed.

**Angel Mario Carrizales (carri1214) (11/20/18 11:35 am):** Our records indicate this program as "Degree dependent". This proposal is changing the certificate type to Stand alone.

**Terra Bissett (t.bissett) (12/10/18 10:35 am):** UCC approved December 2018.

[Print](#)

# Detail Requirements

Yesenia E. Zavala  
Nov 02, 2018 11:22 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.

<b>Program :</b>	Cert-Data Cnt Oper Engr	<b>Catalog Term :</b>	Fall 2018 - College Station
<b>Campus :</b>	College Station	<b>Evaluation Term :</b>	Fall 2018 - College Station
<b>College :</b>	Engineering	<b>Expected Graduation Date :</b>	
<b>Degree :</b>	UG Certificate	<b>Request Number :</b>	9
<b>Level :</b>	Undergraduate	<b>Results as of :</b>	Nov 02, 2018
<b>Majors :</b>	Data Center Oper Engr	<b>Minors :</b>	
<b>Departments :</b>	Industrial & Systems Eng	<b>Concentrations :</b>	

	Met	Credits	Courses		
		Required	Used	Required	Used
<b>Total Required :</b>	No	13.000	0.000		0
<b>Program GPA :</b>	Yes	.00	.00		
<b>Overall GPA :</b>	No	2.00	.00		

### Other Course Information

<b>Transfer :</b>		0.000		0
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This is NOT an official evaluation.

### Area Certificate Coursework ( 13.000 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 440	3hrs												
No	AND	B.	Programming Elective	4hrs												
			Select from CSCE 110, 111, 206, 121													
No	AND	C.	Electives	6hrs												
			Select from CSCE 438, 444, 470; ECEN 455; MEEN 421, 436, 461; ISEN 340, 350, 411, 414, 489.													
			442											Total Credits and GPA	0.000	.00

unofficial evaluation

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