

# Program Change Request

Date Submitted: 04/04/19 2:14 pm

Viewing: **CERT-CU32 : International Engineering - Certificate**

Last approved: 04/10/18 2:11 pm

Last edit: 04/04/19 2:14 pm

Changes proposed by: mrjdavis

## International Engineering - Certificate

Catalog Pages Using  
this Program

### Contact(s)

Name	E-mail	Phone
Misty Davis	mrjdavis@exchange.tamu.edu	979-862-5882
Maria Alves	malves@tamu.edu	979-862-5880

Academic level Undergraduate  
 Effective Term 2020-2021  
 Department College of Engineering  
 College Engineering  
 Program type Certificate  
 Associated Program **Not Applicable**  
 With a certificate in International Engineering

Catalog Program Title  
International Engineering - Certificate

CIP and Fund code 1401010006

### Rationale for Proposal

**We are requesting this adjustment to match the changing core curriculum of 6 hours of ICDs to 3 hours of ICDs and 3 hours of CDs. We would also like to clarify the language of the required courses footnotes.**

Program hours 15

Is this program eligible for financial aid? **No**

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

Certificate type  
**Degree-dependent**

Program delivery mode  
**On-campus**

### 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

### Approval Path

1. 03/14/19 7:50 am  
Prasad Enjeti (enjeti):  
Approved for CLEN  
Department Head
2. 03/21/19 10:53 am  
Angel Mario Carrizales  
(carri1214): Rollback to  
Initiator
3. 04/01/19 5:39 pm  
Tim Jacobs (tjjacobs):  
Approved for CLEN  
Department Head
4. 04/04/19 11:15 am  
Angel Mario Carrizales  
(carri1214): Rollback to  
Initiator
5. 04/08/19 11:53 am  
Tim Jacobs (tjjacobs):  
Approved for CLEN  
Department Head
6. 04/18/19 7:16 pm  
Angel Mario Carrizales  
(carri1214): Approved  
for Curricular Services  
Review
7. 05/10/19 8:53 am  
Bonnie Bustos-Rios  
(bbustosrios): Approved  
for EN Committee  
Preparer UG
8. 05/24/19 10:32 am  
Bonnie Bustos-Rios  
(bbustosrios): Approved  
for EN Committee Chair  
UG
9. 05/24/19 10:32 am  
Bonnie Bustos-Rios  
(bbustosrios): Approved  
for EN College Dean UG

## Catalog Program Requirements

10. 05/24/19 4:20 pm  
 Sandra Williams  
 (sandra-williams):  
 Approved for UCC  
 Preparer  
 11. 06/10/19 8:12 am  
 Terra Bissett (t.bissett):  
 Approved for UCC Chair

**History**

1. Jun 6, 2017 by Angela Allensworth (arankin)
2. Aug 24, 2017 by Angela Allensworth (arankin)
3. Apr 10, 2018 by Sandra Williams (sandra-williams)

**Course List**

Code	Title	Semester Credit Hours
<b>Required Courses 1</b>		
	Language Component (at least 200-level course) 1	3
	Internationalization Component 2	6
	International and cultural diversity	
	Global engineering design	3
	Select one of the following:	
	ENGR 410 Global Engineering Design 2	
	Design course in an engineering department with a significant international component	
	International Experience Component 3	3
	Pre-approved 200 level or above engineering course with a significant international component 3	
	International engineering experience 4	
	Cultural discourse 5	3
	International and cultural diversity 6	3
	International experience 7	3
	Language 8	3
	<b>Total Semester Credit Hours</b>	<b>15</b>

- 1 No course may be used more than one (1) time to fulfill certificate requirements.
- 2 Course only offered in the Fall term.
- 3 Pre-approval must be requested and granted prior to course completion. The Director of Halliburton Engineering Global Programs, the respective course faculty, and the student must meet to determine the specific course content or project that will suffice the "significant international component" requirement.
- 4 After the International experience component is satisfied, engineering course credit received on a study abroad program, international field trip, international internship, international research experience, or another approved course or field experience may be used to fulfill this requirement.
- 5 To be selected from approved **Cultural Discourse** courses.
- 6 To be selected from approved **International and Cultural Diversity** courses. Course listing can be found at [icd.tamu.edu](http://icd.tamu.edu).
- 7 May be satisfied by course credit received on a study abroad program, international field trip, international internship, international research experience, or another approved course or field experience.
- 8 Three (3) credit hours of a 200-level or higher course in a single language. Students are not allowed to use English to fulfill this requirement unless the TOEFL was required for their admission to Texas A&M University. If the TOEFL was required for their admission, students may use [ENGL 210](#) to fulfill this requirement. Students may obtain course credit for this requirement by accepting AP credits or credits obtained through the on-campus language proficiency exam onto their transcript.

**Additional information**

Angel- Thank you for your feedback. Please see the following answers to your review comments. 1) Thank you for rearranging the listing. I have adjusted the letters on the degree evaluation to match the order of the catalog listing so everything is uniform. 2) Yes, the higher level language courses should be added. I have made the suggested adjustments to make it clear. 3) Please see the IEC Evaluation Review #2 where I have handwritten everything in that needs to be changed. I have left the first version attached in case anything is difficult to read. If something is illegible, please feel free to reach out to me directly via phone or email as provided. I have also corrected the ICD and CD attributes to show at KICD and KUCD.  
 04.10.2018 - No response from the college; updates made to include CIP code (updated COMPASS too)-sw

**Required Proposal Forms**

[IEC Evaluation Review.pdf](#)  
[IEC Evaluation Review #2.pdf](#)

## Reviewer Comments

**Angel Mario Carrizales (carri1214) (03/21/19 10:53 am):** Rollback: Please attach an edited certificate evaluation from Howdy that matches the proposed catalog edits.

**Angel Mario Carrizales (carri1214) (04/04/19 11:05 am):** Edits made to conform to catalog style guidelines.

**Angel Mario Carrizales (carri1214) (04/04/19 11:15 am):** Rollback: Please address the following: 1) I've rearranged the listing in the catalog program requirements to conform to catalog style guidelines. Please review for accuracy. 2) Language component. The catalog program requirements list "200-level or higher course in a single language". The evaluation list 200 level courses and then list several foreign language courses. Should higher level language courses be added, i.e., ARAB 200-499, ITAL 200-499...? 3) The attached evaluation has been altered in Adobe. I am not able to differentiate what is changing on the degree evaluation. Please edit the evaluation to indicate what has changed clearly. Also, the International Cultural Diversity attribute is now [KICD], and the Cultural Discourse attribute is [KUCD].

**Angel Mario Carrizales (carri1214) (04/18/19 7:15 pm):** Initial concerns addressed.

**Terra Bissett (t.bissett) (06/10/19 8:12 am):** UCC approved June 2019.


Key: 144

# Detail Requirements

Misty R. Davis  
Mar 21, 2019 11:50 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-Intl Engineering	<b>Catalog Term :</b>	Spring 2019 - College Station
<b>Campus :</b>	College Station	<b>Evaluation Term :</b>	Spring 2019 - College Station
<b>College :</b>	Engineering	<b>Expected Graduation Date :</b>	
<b>Degree :</b>	UG Certificate	<b>Request Number :</b>	4
<b>Level :</b>	Undergraduate	<b>Results as of :</b>	Mar 21, 2019
<b>Majors :</b>	Intl Engineering	<b>Minors :</b>	
<b>Departments :</b>	College of Engineering	<b>Concentrations :</b>	

	<b>Met</b>	<b>Credits</b>	<b>Courses</b>		
		<b>Required</b>	<b>Used</b>	<b>Required</b>	<b>Used</b>
<b>Total Required :</b>	No	15.000	0.000		0
<b>Program GPA :</b>	Yes	3.00	.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 ( 15.000 credits ) - Not Met**

<b>Met</b>	<b>Condition</b>	<b>Rule</b>	<b>Subject</b>	<b>Attribute</b>	<b>Low</b>	<b>High</b>	<b>Required Credits</b>	<b>Required Courses</b>	<b>Term</b>	<b>Subject</b>	<b>Course</b>	<b>Title</b>	<b>Attribute</b>	<b>Credits</b>	<b>Grade</b>	<b>Source</b>
No		A.	Global Engineering Design	3hrs												
								Select from ENGR 410, a pre-approved 200 level or above engineering course with a significant international component, or an engineering course with the Study Abroad [SABR] attribute.								
No	AND	B.	Language Component	3hrs				ARAB 201, ARAB 202, CHIN 201, CHIN 202, FREN 201, FREN 202, GERM 201, GERM 202, ITAL 201, ITAL 202, JAPN 201, JAPN 202, RUSS 201, RUSS 202, SPAN 201, SPAN 202; If the TOEFL is used for admission to the University, ENGL 210 may be used to fulfill this requirement.								
								Take 3hrs of a 200-level language course								
No	AND	C.	International and Cultural Diversity Component	3hrs												
								Select any course with the International and Cultural Diversity [UICD] attribute.								
No	AND	D.	Cultural Discourse Component	3hrs												
								Select any course with the Cultural Discourse [CD] attribute.								
		E.	International Experience	3hrs												
								Select from ENGR 484, any course with the Study Abroad [SABR] attribute, any course credit earned on an international field trip, international internship, international research experience, or another approved course or field experience.								

unofficial evaluation

Total Credits and GPA 0.000 .00

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