

**List of Standard Substitutions for Courses Required
in the Construction Engineering Curriculum**

Updated 2/2019

<i>SSH Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Approved list of SSH courses	Former ConE lists are valid. Any course that appears on a SSH list of another engineering program is also eligible, <i>but the student must take the initiative to prove it is an approved list.</i>	[03-019] 10/30/03
International Perspective course (3)	Engr 320 Study Abroad was developed and approved by the college to satisfy these credits on a Satisfactory/Fail basis. Because it is a college-level initiative the ConE curriculum will allow use as a S/F course.	[07-002] 1/25/07
Psych 101 (3)	Psych 350	[07-054] 12/7/07
Psych 101 (3)	Psych 347	[07-055] 12/7/07
<i>Basic Program Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Engr 101 (R)	See ECCC Flowchart	
<i>Additional Required Courses Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
ConE 120 or ConE 121 or ConE 122 (1) (all active catalogs)	Allow adviser of internal transfer student to substitute Hon 121 (1) to fulfill 1 credit of ConE 120 or ConE 121 or ConE 122.	[08-070-R2] 11-13-12
ConE 121 or ConE 122 (for all active catalogs)	Allows the advisor to substitute another department's Learning Community plus an additional credit hour and it's letter grade for ConE 121 OR ConE 122	[09-026-R2] 11/13/12
ConE 121/122	Allow students to substitute one of the following military courses for ConE 121 and/or ConE 122: <ul style="list-style-type: none"> • AFAS 101 Leadership Lab I • AFAS 102 Leadership Lab II • MS 101 Intro to Military Science • MS 101L Basic Leadership Lab • MS 102 Structure and Function of the US Army • MS 102L Basic Leadership Lab • MS 201 Principles of Leadership and Communication Skills • MS 201L Basic Leadership Lab III • MS 202L Basic Leadership Lab • NS 220 Leadership and Management 3 cr 	[09-037-R1] 11/15/10
ConE 121/122	Allow student athletes to complete ConE 490 with ConE Advisor	[10-027] 11/15/10
Engr 170 (3)	CE 170 (2) and (1) other approved credit	[00-012] 3/21/00

<i>Additional Required Courses Requirement Cont'd</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
ConE 121 or ConE 122 or Both (through 13-14 catalogs)	For students who transfer to ConE from CE or students double majoring ConE/CE -- allow CE 105 or CE 120 be substituted for ConE 121 or ConE 122 or both if students have two credits.	[11-003-R1] 10/7/13
ConE 121 or ConE 122 or Both	Allow Nontraditional and Transfer students to complete one or two semesters of ConE 490 for ConE 121 or ConE 122 or both at discretion of Advisor.	[12-021] 9/17/12
ConE 121	Advisor can waive ConE 121 for transfer students with at least 24 hours completed and some college orientation course. A graded credit hour will be used in place of ConE 121 on the degree audit.	[16-004] 4/7/16
IE 305	Students minoring in business will be allowed to complete FIN 301 instead of IE 305. Substitution will not be done until all minor courses are completed.	[16-003] 4/7/16
CE 170	Students who complete Intro to Engr Design as part of Project Lead the Way with an S grade will be accepted.	[16-007] 9/6/16
IE 305	CE 206 ONLY for students who are double majoring. Will be applied their last semester.	[16-013] 9/27/16
ConE 487 (all active catalogs)	Allow CE 485 to be used in place of ConE 487 for all emphases for CE/ConE double majors only.	[17-002] 1/31/17
IE 305	Allow students who change from CE to ConE after taking CE 206 to apply as IE 305	[18-022] 11/13/18
<i>Engineering Course Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
CE 383 (1)	CE 382 (3)	[02-007] Sp 02
EM 378 (3)	Aero 243 and 243 L (3.5) for transferring AeroE students	[02-029] Nov 2002
MatE 273	Accept MatE 392 taught at Brunel University. A grade of C is required to receive a "S" grade.	[16-005] 4/7/16
CE 383 (1)	CE/ConE dual majors take CE 382 for the CE 383 requirement and at least one more credit for Engineering Topics Elective requirement	[18-018] 10/29/18
<i>Engineering Topics Electives</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Engineering Topics Elective/CE 383 (thru 16-17 catalog)	Apply two (2) credits of CE 382 Design of Concrete to the Engineering Topics Elective requirement and apply one (1) credit to substitute for CE 383	[06-023] 12/12/06
Engineering Topics Elective (2 cr Bldg; 5 cr HH) (thru 12-13 catalog)	Allow use of extra credits from ConE 351, ConE 352 and ConE 353 for Engineering Topics Electives for <u>Building and Heavy Emphasis</u>	[09-012-R1] 11/13/12
Engineering Topics Electives (All active catalogs)	Allow students to use ConE 354x/354 (3cr) for Engineering Topics Electives for <u>Building, Heavy and Mechanical</u> emphases.	[11-030-R1] 11/13/12
Engineering Topics Electives (all active catalogs)	Allow students to apply CE 395X/395 Global Perspectives in Transportation	[16-012-R1] 11/10/17
Engineering Topics Electives (all active catalogs)	Allow students to apply CE 448 as an Engineering Topics Elective	[18-017] 10/29/18

<i>Engineering Topics Electives Cont'd</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Engineering Topics Electives (all active catalogs)	Allow newly added courses to be retroactively applied to previous catalog lists	[18-025] 12/14/18
<i>Math and Physical Sciences Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Stat 105	Stat 101, 104 or 226 may be substituted for Stat 105 as long as the student took it before becoming a ConE.	[07-048] 11/8/07
Stat 105	Stat 105 or 305 may fulfill the Stat 105 requirement.	[09-036] 11/17/09
Math 307 (through 13-14 catalogs)	Allow use of Math 207 as an option for the Math/Stat Elective.	[13-006] 2/13/13
Stat 105 (13-14, 14-15, 15-16, 16-17 catalogs only)	Mat E 316 in Torino, Italy	[17-001] 3/28/17
Stat 105 (for 2016 and prior catalogs)	Allow students to use Stat 305 or Stat 231	[19-001] 2/8/19
<i>International Perspective</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
	Allow international students to take any SSH course in place of the IP requirement in order to emphasize the "12 hours" rule over the IP requirement within the ConE SSH requirement.	[16-009] 9/6/16
	When student has met the IP requirement, allow any other SSH course to fulfill the credit deficiency per the Adviser's discretion.	[18-005] 4/4/18
<i>Program Substitutions for ConE</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
ConE four year degree	Naval Science requested that Construction Engineering approve a three-year program for Seaman to Admiral 21. This program is available only to Navy students in the top 1% of their class	[06-002] 12/4/06