

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

Updated 1/16/25

<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
Approved SSH list	Whenever SSH list is updated, new courses are retroactively applied to previous catalog lists	[21-002] 2/2/21
SSH Elective	Allow students to apply WISE 201X or WISE 2010 as an SSH elective	[24-023] 12/13/24
<i>Basic Program Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
ENGR 1010 (R)	See ECCC Flowchart	
<i>Additional Required Courses Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
CONE 1210 or CONE 1220 (1) (all active catalogs)	Allow adviser of internal transfer student to substitute HON 1210 (1) to fulfill 1 credit of CONE 1210 or CONE 1220.	[08-070-R3] 11/13/12 4/4/24 renewed for six years (2030)
CONE 1210 or CONE 1220 (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 1210 OR CONE 1220	[09-026-R3] 11/13/12 4/4/24 renewed for six years (2030)
CONE 1210/1220	Allow students to substitute either MS 2010 or NS 2200 for CONE 1210 and/or CONE 1220.	[09-037-R2] 11/28/22
CONE 1210/1220	Allow student athletes to complete CONE 4900 with CONE Learning Community instructor	[24-017] 9/25/24
CONE 1210 or CONE 1220	Allow Nontraditional and Transfer students to complete one of CONE 4900 for CONE 1210 or CONE 1220 or both at discretion of Advisor.	[24-018] 9/25/24
CONE 1210 or CONE 1220	Adviser can waive CONE 1210 OR 1220 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 1210 OR 1220 on the degree audit.	[16-004-R2] 10/6/20
CONE 1210 or CONE 1220	Allow students to sub U ST courses that contain a first-year seminar component (with a graded credit if necessary) for CONE 1210 or CONE 1220	[19-022] 10-10-19
CONE 1210	Allow students to substitute AFAS 1030 and AFAS 2030 for CONE 1210.	[24-013] 9/4/24
IE 3050	Students minoring in business will be allowed to complete FIN 3010 instead of IE 3050. Substitution will not be done until all minor courses are completed.	[16-003-R1] 4/7/16 4/4/24 renewed for six years (2030)

IE 3050	CE 2060 ONLY for students who are double majoring. Will be applied their last semester.	[16-013-R1] 9/27/16 4/4/24 renewed for six years (2030)
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<i>Additional Required Courses Requirement Cont'd</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
CONE 4870 (for all active catalogs)	Allow CE 4850 to be used in place of CONE 4870 for all emphases for CE/CONE double majors only.	[17-002-R1] 1/31/17 4/4/24 renewed for six years (2030)
IE 3050	Allow students who change from CE to CONE after taking CE 2060 to apply as IE 3050	[18-022-R1] 11/13/18 10/4/24 renewed for six years (2030)
CONE 1210 OR CONE 1220	Allow CE student who has transferred to CONE to apply CE 1050 for CONE 1210 OR CONE 1220	[21-003] 3/19/21
CONE 2220	Allow CE 3060 for CONE 2220 if taken prior to becoming a CONE	[23-001] 2/10/23
<i>Engineering Course Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
CE 3830 (1)	CE 3820 (3)	[02-007-R1] Sp 02 4/4/24 renewed for six years (2030)
<i>Engineering Topics Electives</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
Engineering Topics Electives	CONE students of any option can use the previously approved courses, or any CE and CONE 3000, 4000, and 5000 level courses (with the exception of CE 5940A and CE 5990) as an Engineering Topic Elective – applied retroactively to previous catalogs.	Approved at meeting on 4/22/24
Engineering Topics Electives (all active catalogs)	Allow students to apply CE 3950X/3950 Global Perspectives in Transportation	[16-012-R2] 11/10/17 4/4/24 renewed for six years (2030)
Engineering Topics Electives (all active catalogs)	Allow newly added courses to be retroactively applied to previous catalog lists	[18-025-R1] 12/14/18 10/4/24 renewed for six years (2030)
Engineering Topics Electives	Allow NS 3200 and NS 3300 as Engineering Topics Electives	[19-020] 9/12/19
Engineering Topics Electives	Allow ME 4330 Alternative Energy as Engineering Topics Electives	[20-006] 6/4/20
Engineering Topics Electives	Allow ME 5310 Advanced Energy Systems and Analysis	[20-011] 11/17/20
<i>Math and Physical Sciences Requirement</i>	<i>Substitution</i>	<i>[Petition #] & Date Approved</i>
STAT 3050	Accept STAT 1010 or 1040 or 2260 for STAT 3050 if taken prior to arriving in CONE	[20-009-R1] 3/19/21
Statistics Elective	Allow Stat 201P, Advanced Placement Principles of Statistics, to apply for the Statistics elective requirement.	[24-020] 11/13/24

<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-R1] 9/6/16 4/4/24 renewed for six years (2030)
	When student has met the IP requirement, allow any other SSH course to fulfill the credit deficiency per the Adviser’s discretion.	[18-005-R1] 4/4/18 10/4/24 renewed for six years (2030)