




CIVIL ENGINEERING




2015-2016 UCF Catalog

(128 Hour Program)

Department of Civil, Environmental, and Construction Engineering

Department Academic Advisor: Carol Ann Pohl – EN2 211G


First Year Fall	(14)	First Year Spring	(14)
*ENC 1101 - Engl Comp I	(3)	*ENC 1102 - Engl Comp II	(3)
*♦  MAC 2311C – Calc w/An Geom I	(4)	*♦  MAC 2312 – Calc w/An Geom II	(4)
*ANT/PSY/SYG	(3)	*♦  PHY 2048C - Physics Engr I	(4)
*ECO/POS	(3)	EGN 3613 – Eng Econ Anal	(2)
EGS 1006C - Intro to Engr Prof	(1)	EGN 1007C - Engr Concept and Meth	(1)

Second Year Fall	(14)	Second Year Spring	(16)
*♦  MAC 2313 – Calc w/Analytic Geom III	(4)	*♦  MAP 2302 - Diff Eqns	(3)
♦  CHS 1440 – Principles of Chemistry	(4)	EGN 3331 - Mechanics of Materials	(3)
*HUM/AMH/EUH - I	(3)	*PHY 2049C - Physics Engr II	(4)
EGN 3310 - Engr Mech - Statics	(3)	*GEO/GLY/BSC (GEO 1200 Preferred)	(3)
		EGN 3321 - Engr Mech - Dynamics	(3)

Second Year Summer	(9)
*SPC/COM (SPC 1603/1608 Preferred)	(3)
ENV 3001 – Intro to Environ Engr	(3)
STA 3032 – Prob/Stats for Engrs	(3)

Third Year Fall	(16)	Third Year Spring	(17)
CWR 3201 - Engr Fluid Mechanics	(3)	CWR 4632C – Water Resources Engr I	(4)
CES 4100C - Structural Analysis	(4)	CES 4702 – Structural Concrete	(3)
CGN 3700C – CE Measurements	(4)	CEG 4011C - Geotechnical Engr I	(4)
CGN 3501C - CE Materials	(3)	TTE 3810 – Highway Engineering	(3)
CCE 4003 – Intro to Construction Ind	(3)	*HUM/AMH/EUH – II	(3)

Fourth Year Fall	(15)	Fourth Year Spring	(12)
ENV 4531– Env Engr Ops & Proc I	(3)	CGN 4808C – Capstone Design	(3)
Civil Depth Course 1	(3)	Civil Depth Course 3	(3)
CES 4605 – Structural Steel	(3)	EGN 3343 – Thermodynamics	(3)
Approved Project Design Course	(3)	*Cultural/Historical Elective	(3)
Civil Depth Course 2	(3)		

- Notes:** (1) Nine (9) hours **minimum** summer attendance required by Florida state law.
(2) Pre-requisite courses for and within this program require a minimum grade of “C” (2.0) or better.
(3) Courses indicated with an asterisk (*) can typically be taken within a **pre-engineering A.A.** at a Florida Community or State College.
(4) Courses indicated with a diamond (♦) are Common Program Prerequisites (CPP).
(5) Courses indicated with a flag () must be completed to clear the “Pending” status.
(6) Students transferring to UCF will take upper level Technical Electives in place of EGS 1006C and EGN 1007C.
(7) Students should check CECE Department website for **recommended** Technical Electives (www.cece.ucf.edu).
(8) All CECE majors are required to take the Fundamentals of Engineering Exam prior to graduation in accordance with the Florida Board of Professional Engineers and National Council of Examiners for Engineering and Surveying guidelines (see www.fbpe.org and www.ncees.org for more information).
(9) Project Design Courses are: CEG 4801C, CES 4743C, CWR 4812C, TTE 4601C, ENV 4562C, or ENV 4433C
(10)Depth Courses are: CWR 4633C, CEG 4012, TTE 4274, ENV 4561