

CIVIL ENGINEERING

2008-2009 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 2311 – Calc w/Analytic Geom I	(4)	*♦MAC 2312 – Calc w/Analytic Geom II	(4)
*♦ANT/PSY/SYG	(3)	*♦PHY 2048/L - Physics Engr I/Lab	(3/1)
*♦ECO 2013 or ECO 2023 - Economics	(3)	EGN 3613 – Eng Econ Anal	(2)
EGN 1006 - Intro to Engr Prof	(1)	EGN 1007 - 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)
*♦CHM 2045 - Chem Fund I	(4)	*CHM 2046 - Chem Fund II	(3)
*♦HUM/AMH/EUH - I	(3)	*PHY 2049/L - Physics Engr II/Lab	(3/1)
EGN 3310 - Engr Mech - Statics	(3)	*♦GEO/GLY/BSC (GEO 1200 Preferred)	(3)
		EGN 3321 - Engr Mech - Dynamics	(3)
		Second Year Summer	(9)
		*SUR 2101C – Surveying	(3)
		EGN 3331 - Mechanics of Materials	(3)
		ENV 3001 - Intro to Environ Engr	(3)
Third Year Fall	(16)	Third Year Spring	(16)
CWR 3201 - Engr Fluid Mechanics	(3)	CWR 4101C - Hydrology	(3)
CCE 4003 – Intro to Construction	(3)	CWR 4203C - Hydraulics	(3)
*♦SPC 1016 – Tech Presentations	(3)	EGN 3373 - Prin Elec Engr	(3)
CES 4100C - Structural Analysis I	(4)	*♦HUM/AMH/EUH – II	(3)
STA 3032 – Prob/Stats for Engrs	(3)	TTE 4004 Transportation Engr	(4)
Fourth Year Fall	(14)	Fourth Year Spring	(15)
ENV 4561 – Env Engr Process Design	(4)	Approved Project Design Course	(3)
CEG 4011C - Geotechnical Engr	(4)	EGN 3343 – Thermodynamics	(3)
CES 4605 Steel Structures	(3)	CES 4702 Reinfrcd Concrte Strctrs	(3)
Or Technical Elective		Or Technical Elective	
Approved Project Design Course	(3)	CGN 3501 CE Materials	(3)
		Or EGN 3365 Str & Prp Mtls	
		*♦Cultural/Historical Elective	(3)

- Notes:**
- (1) Nine (9) hours **minimum** summer attendance required by Florida state law.
 - (2) CHM 2045 and ENC 1102 include minimum grade requirements of a “C-” or better; EGN 3310 and EGN 3331 include minimum grade requirements of a “C” or better
 - (3) Courses indicated with an asterisk (*) can typically be taken within a **pre-engineering A.A.** at a Florida Community College.
 - (4) Courses indicated with a diamond (♦) are Common Program Prerequisites (CPP).
 - (5) Students transferring to UCF may elect to take an upper level Technical Elective in place of EGN 1006 and EGN 1007.
 - (6) Students should check CECE Department handout for **recommended** Technical Electives as well as **approved** Project Design courses.
 - (7) Either **CES 4702** or **CES 4605** is required.