

CONSTRUCTION ENGINEERING

2008-2009 Catalog (128 Hour Program)

Department of Civil, Environmental, and Construction Engineering

Academic Advisor: Carol Ann Pohl – EN2 211G

First Year Fall	(14)	First Year Spring	(15)
*♦ENC 1101 - Engr Comp I	(3)	*♦ENC 1102 - Engr Comp	(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)	*♦GEO/GLY/BSC (GEO 1200 recommended)	(3)
EGN 1006 - Intro to Engr Prof	(1)	EGN 1007 - Engr Concept and Meth	(1)

Second Year Fall	(16)	Second Year Spring	(16)
*♦MAC 2313 – Calc w/Analytic Geom III	(4)	*♦MAP 3302 - 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 - Statics	(3)	*♦HUM/AMH/EUH - II	(3)
EGN 3613 - Engr Econ Anal	(2)	EGN 3331 - Mechanics of Materials	(3)

Second Year Summer	(9)
*♦SPC 1016 – Tech Presentations	(3)
STA 3032 - Prob/Stat Engrs	(3)
ENV 3001 - Intro to Envir Engr	(3)

Third Year Fall	(16)	Third Year Spring	(15)
EGN 3321 - Dynamics	(3)	CWR 3201 – Eng Fluid Mechanics	(3)
CCE 4003 – Intro to Construction	(3)	*SUR 2101C - Surveying	(3)
CES 4100C - Structural Analysis I	(4)	CES 4702 Concrete Structures	(3)
*♦Cultural/Historical Elective	(3)	CCE 4004 Construction Methods	(3)
CGN 3501C or EGN 3365 - Materials	(3)	Engineering Science Elective (see note)	(3)

Fourth Year Fall	(15)	Fourth Year Spring	(12)
TTE 4004 - Transportation Engr	(4)	ACG 2071 Managerial Accounting	(3)
CEG 4011C - Geotechnical Engr	(4)	CCE 4402 Constr Equip. & Prod.	(3)
CCE 4034 Constr Estim. and Sched.	(3)	CEG 4801C Geotechnical Design	(3)
CCE 4813 Mech. & Elect. Sys for Bldgs	(4)	CCE 4810C Constr Engr Desg Project	(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) Engineering Science Elective is one of **EGN 3343** Thermodynamics, **EGN 3373** Principles of Electrical Engineering, **CWR 4101C** Hydrology, or **CWR 4203C** Hydraulics. Any other course needs approval from the Department.
 - (7) Either **CES 4702** or **CES 4605** is required.