



FTIC Students
 EGS 1006C Intro to Engr Profession (1) → EGN 1007C Engr Concepts & Methods (1)
OR
 Approved Technical Elective

MAC 1105, MAC 1114 & MAC 1140 with grades of "C" or better OR Passing score on Math Placement Exam

MAC 2311C Calc/Anl Geom I (4) → MAC 2312 Calc/Anl Geom II (4)

1 year HS Chemistry or CHM 1032 → CHS 1440 Principles of Chemistry (4)

EGN 3613 Engineering Econ Analy (2)

MAP 2302 Differential Equations (3)

MAC 2313 Calc/Anl Geom III (4)

CGN 3501C CE Materials (3)

ENV 3001 Environmental Engineering (3)

CCE 4003 Intro Constr Ind (3)

CWR 3201 Engr Fluid Mechanics (3)

STA 3032 Prob & Stat for Engineers (3)

CES 4100C Structural Analysis (4)
 Addl PR: MAP 2302

CCE 4034 Constr Estimating & Scheduling (3)

CCE 4402 Constr Equipmt & Productivity (3)

CEG 4011C Geotech Engr 1 (4)

CWR 4202C Hydraulics (3)

CCE 4004 Construction Methods (3)

CCE 4813 Mech & Elec Systems for Bldgs (4)

Required Design Courses
 Design Course Registration is by Override Only
 CCE 4810C Construction Engr Design (3)
 CGN 4808C CE Capstone Design (3)

ACG 2071 Managerial Accounting (3)
 Course requires override From the School of Accounting located in BA 326

Technical Elective (8-10)
 From approved Technical Elective List at cece.ucf.edu

Other Required (General Education/AA Degree) Courses that do not have critical paths

- ENC 1101 English Comp I (3) C- or better
- ENC 1102 English Comp II (3) C- or better
- SPC/COM (3)
- HUM/AMH/EUH/WOH I (3) C- or better
- HUM/AMH/EUH/WOH II (3) C- or better
- Cultri/Histcl/ Elective (MUL 2010, PHI 2010 or THE 2000) (3)
- ANT/PSY/SYG (3)
- ECO/POS (3)

Courses which are pre-requisites must be Completed with a grade of "C" (2.0) or better.

KEY:
 Prerequisite → Corequisite - - - - - Required to clear "Pending" (dashed box)

- Highlighted courses are part of longest "critical" path
- Transfer students take an upper level Technical Elective course in lieu of EGS 1006C and EGN 1007C.

CONSTRUCTION ENGINEERING

2021 CATALOG – REQUIRED COURSEWORK

COURSE PREREQUISITE CRITICAL PATH DIAGRAM

March 1, 2021

More info at www.fbpe.org and www.ncees.org

Fundamentals of Engineering Exam

