

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

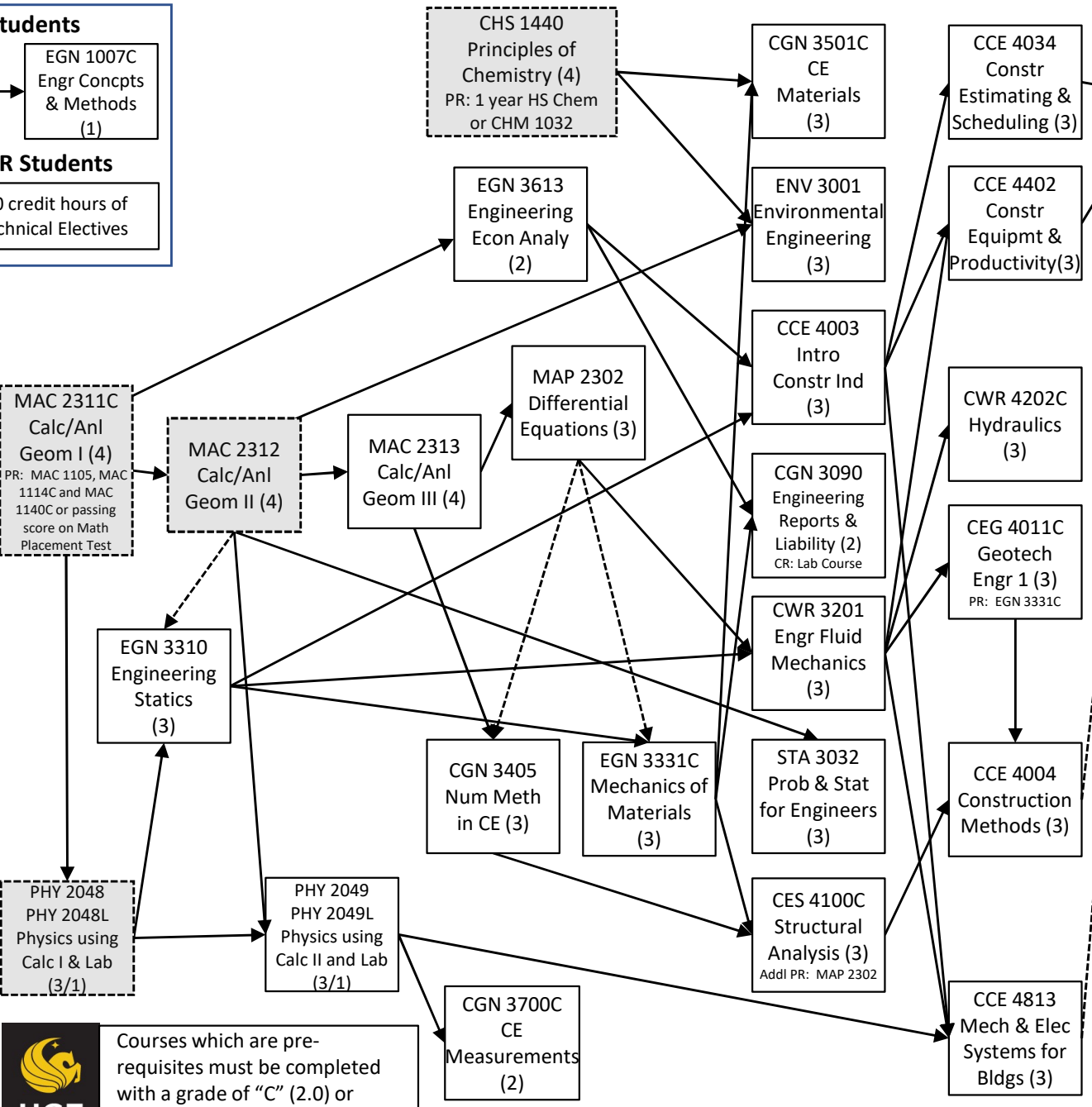
FTIC Students


EGS 1006C Intro to Engr Profession (1) → EGN 1007C Engr Concepts & Methods (1)

TRANSFER Students

Additional 2.0 credit hours of Restricted Technical Electives

- GEP 1 ENC 1101 (3)
- GEP 2 ENC 1102 (3)
- GEP 3 SPC/COM (3)
- GEP 4 Cultural/Historical I (3)
- GEP 5 Cultural/Historical II (3)
- GEP 6 Cultural/Historical Elective (3)
- GEP 9 ANT/PSY/SYG (3)
- GEP 10 AMH/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" □

CHS 1440 Principles of Chemistry (4)
PR: 1 year HS Chem or CHM 1032

CCE 4810C Construction Engineering Design (3)
Add'l PR: CGN 3090

ACG 2071 Managerial Accounting (3)
Requires override from the College of Business at <https://bit.ly/cbaforms>

CGN 4808C CE Capstone Design (3)
By department override only
PR: Design Course

Technical Electives (3-5 credit hours) from approved technical elective list on the CECE Advising web course

Complete One

COP 2500C Concepts of Computer Science (3) COP 3223C Programming with C (3)
PR: COP 2500C

Focus Areas (complete 1 area)

Focus Area 1

ESI 4312 Deterministic Methods (3) CAI 4823 Artificial Intell for IE (3)
PR: STA 3032 and MAS 3015 PR: STA 3032 and COP 3223C

Focus Area 2

ESI 4234 Quality Engineering (3) EIN 4517 Systems Engineering (3)
PR: STA 3032 PR: STA 3032

Focus Area 3

FIN 3403 Bus Finance (3) MAR 3023 Marketing (3)
PR: ECO 2013 or ECO 2023 PR: ECO 2013 or ECO 2023

CONSTRUCTION ENGINEERING

2024-2025 CATALOG – REQUIRED COURSEWORK

All students must complete the Fundamentals of Engineering Exam. More info www.ncees.org