

Approved CIVE Elective Substitutes

- Only **one** out-of-department substitute for a CIVE Elective is allowed; the other **three** electives **must** be **CIVE** courses. (If you took CHEM 1372 see Dr. Herman for exception.)

The only CIVE Elective substitute that specifically addresses a topic on the Civil Engineering Fundamentals of Engineering (FE) Exam is INDE 3333 Engineering Economy I. To see a full list of FE topics click the link to "FE Civil" at this webpage: ncees.org/engineering/fe/

- **Ask us to evaluate courses that aren't on the list.** Course must be 3000 level or higher and relate to civil engineering. Email Dr. Herman (rherman@uh.edu) the information below:
 1. Name and number of course,
 2. Catalog description (from [Undergraduate Catalog](#)), and,
 3. Syllabus: Syllabi from past semesters are at link below. If you can't find past syllabus at this site contact course instructor. www.uh.edu/policies/hb2504/students/

For course descriptions and requisites see [Undergraduate Catalog](#)

- AFSC 3301 Air Force Leadership Studies I plus AFSC 3302 Air Force Leadership Studies II (two courses together can count as one 3 hr CIVE Elective Substitute)
- ARCH 4324 High-Rise Structures (see Dr. Herman for enrollment in this course, BSCE major requisites = B- or better in 1st attempt of CIVE 3332 Engineering Materials and CIVE 3337 Structural Analysis, successfully completed or concurrently enrolled in CIVE 4363 Concrete Design and CIVE 4364 Structural Steel Design)
- ARCH 4325 Building Systems Integration
- ARCH 4355 Houston Architecture
- ARCH 4373 Urban Environments (see syllabus at www.uh.edu/policies/hb2504/students/, catalog description not reflective of actual course content)
- BIOL 3359 Environmental Biology of Texas
- CHEM 3331 Fundamentals of Organic Chemistry
- CNST 4302 Construction Law and Ethics
- ECON 3332 Intermediate Microeconomics
- ECON 3334 Intermediate Macroeconomics
- ECON 4377 Urban Economics
- ENRG 3310 Introduction to Energy & Sustainability

You are not entitled to take courses on this list - you must meet course requisites and/or have required permissions to take a course. If you want to take a class that is not open to all majors start by contacting the course instructor or department offering the course. **EVEN IF YOU CAN SELF-ENROLL IN A CLASS, THAT DOES NOT MEAN YOU HAVE THE RIGHT TO TAKE IT.**

- ENTR 3310 Entrepreneurship
- ENTR 3312 Corporate Entrepreneurship
- ENTR 4397 Selected Topics in Entrepreneurship: Introduction to Tech Entrepreneurship (4397 is a course number that is used for new courses that are not in the catalog. The only approved ENTR 4397 course at this time is Introduction to Tech Entrepreneurship.)
- GEOL 3334 Earthquakes
- GEOL 3342 Principles of Air Pollution
- GEOL 3383 Remote Sensing
- GEOL 4330 Introduction to Geophysics
- GEOL 4331 Geospatial Analysis and Applications
- GEOL 4379 Groundwater and Engineering Geophysics
- HON 3330 Leadership Theory and Practice
- HON or ENRG 4397/98 Sustainable Cities
- **INDE 3333 Engineering Economy I ← this is a topic on the FE Civil Exam**
- INDE 4388 Engineering Leadership and Entrepreneurship
- MANA 3335 Introduction to Management and Organizational Behavior (enrollment requires appropriate business minor)
- MANA 4346 Leadership Development (enrollment requires appropriate business minor)
- MARK 3336 Elements of Marketing Administration (enrollment requires appropriate business minor)
- MATH 3336 Discrete Mathematics
- MATH 3363 Introduction to Partial Differential Equations
- MATH 4364 Introduction to Numerical Analysis in Scientific Computing
- MATH 4377 Advanced Linear Algebra I
- TECH 4310 Future of Energy and the Environment

Please help grow this list! See note on first page – ask us to evaluate other courses.

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