Civil Engineering

Overview

Academics & Admissions

Programs

Courses

Faculty

Courses

- CE 101: Introduction to Civil Engineering I
- CE 102: Introduction to Civil Engineering II
- CE 205: Civil Engineering Laboratory I
- CE 207: Surveying
- CE 208: Civil Engineering Graphics I
- CE 305: Civil Engineering Laboratory II
- CE 310: Introduction to Structural Mechanics
- CE 311: Structural Analysis
- CE 315: Civil Engineering Materials
- CE 325: Intermediate Dynamics
- CE 401: Civil Engineering Fundamentals
- CE 405: Civil Engineering Laboratory III
- CE 412: Design of Concrete Structures
- CE 413: Steel Design
- CE 414: Advanced Concrete Design
- CE 416: Bridge Engineering
- CE 417: Construction Engineering and Management
- CE 421: Matrix Analysis of Structures
- CE 431: Soil Mechanics I
- CE 433: Foundation Engineering
- CE 435: Advanced Geotechnical Engineering
- CE 452: Civil Engineering Analysis
- CE 455: Civil Engineering Design I
- CE 456: Civil Engineering Design II
- CE 471: Environmental Engineering I
- CE 472: Water Resources Engineering
- CE 481: Transportation Engineering I
- CE 495: Geospatial Analysis for Engr & Vis Apps
- CE 497: Civil Engineering Projects
- CE 511: Structural Dynamics
- CE 514: Pre-Stressed Concrete Design
- CE 521: Advanced Mechanics of Materials
- CE 531: Soil Mechanics II
- CE 541: Flow in Open Channels
- CE 542: Flow in Porous Media
- CE 543: Sediment Transport
- CE 561: Civil Engineering Systems
- CE 570: Infrastructure Management
- CE 572: Stormwater Engineering and Management
- CE 581: Transportation Engineering II
- CE 585: Highway Pavements
- CE 590: Airport Planning and Design