Civil Engineering

The Department of Civil Engineering offers the degrees of PhD in Civil Engineering, Master of Science in Civil Engineering (MS), Master of Science in Environmental Engineering (MSEnE), Master of Engineering in Civil and Environmental Engineering (MECEE). The department also offers the MS in Construction Management that is available both face-to-face and fully online.

Admission Requirements
Students should consult the introduction to the college of engineering section for information on general admission requirements and the admissions requirements specific to each graduate program.

Honor Code
Civil Engineering and Construction Management are licensed professions that are regulated by each state through a licensing or engineering practice law. Each state requires engineers to protect the public safety and act in an honest and trustworthy manner. These standards of ethical behavior are also codified in ethics guidelines established by the National Society of Professional Engineers (NSPE), the American Society of Civil Engineers (ASCE), and the Texas Society of Professional Engineers (TSPE).

Department Policy
The Department has established this Honor Code Policy because it has an obligation to the State and the public to prevent students from entering the profession who are not honest and trustworthy in their academic efforts. This Honor Code Policy allows the Department to recommend disciplinary action to the University Office of Student Services and to remove students from the Department who have violated the Honor Code. This Honor Code is consistent with the Student Conduct and Discipline Chapter of the Student Affairs Section of the Handbook of Operating Procedures (https://www.utep.edu/hoop/) of the University of Texas at El Paso. The Honor Code applies to graduate and undergraduate students, faculty members, and administrators. The Honor Code is based on these requirements:

• Engineers must possess personal integrity both as students and as professionals. They must ensure safety, health, fairness, and honesty in their undertakings.
• Students in the Department are honorable and trustworthy.
• The students, faculty, and administrators of the Department trust each other to uphold the principles of the Honor Code, and they are jointly responsible for precautions against violations of its policies.
• It is dishonorable for students to receive credit for work that is not the result of their own efforts.

Department students are required to sign an Honor Code Agreement which will be kept on file with the Department. The Honor Code has been established to support and enforce course policies set by instructors. Course instructors have exceptional latitude when preparing the policies for their courses. This can lead to variations between policies of different courses. It is the instructor's responsibility to clearly develop course policies. Students are responsible for understanding the Honor Code and course policies and should consult with the instructor if they are unclear. If a student consults with the instructor and still feels the policies for a course are not clear or fair, the student should notify the Department Chairperson.

Department students enrolled in courses outside of the Department must abide by the policies of the school or college in which the course is offered. Students who are not members of the Department who take a course offered by the Department are bound by the policies of the Honor Code.

Chair
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Professor
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Research Interests: Computational Mechanics including linear and non-linear finite element modeling of civil infrastructure systems, Non-destructive testing and evaluation of aerospace and civil infrastructure systems, Risk and reliability of structural systems, Risk assessment of micrometeoroid impacts on aerospace systems, Modeling and testing of hypervelocity impact events for ballistic and shielding applications

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Associate Professor

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Education: BS, Universidad Nacional de Ingenieria (UNI); MS, Texas A&M University; Ph D, Texas A&M University
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Education: BS, Texas Tech University; MS, The University of Texas at Austin; Ph D, The University of Texas at Austin
Research Interests: I am interested in researching sustainable water and wastewater treatment. More specifically, my research focuses on inland brackish groundwater desalination and concentrate treatment (especially with electrodialysis), water and mineral reclamation and reuse, and water and sanitation for developing communities.

Assistant Professor

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Programs

Master of Engineering in Civil and Environmental Engineering
• M.E in Civil and Environmental Engineering (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/environmental-engineering-master-of-engineering/)

Master of Science
• M.S. in Civil Engineering (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/civil-engineering-ms/)
• M.S. in Construction Management (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/construction-management-ms/) (offered face-to-face, and also fully on-line)
• M.S. in Environmental Engineering (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/environmental-engineering-ms/)

Doctor of Philosophy
• Ph.D. in Civil Engineering (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/civil-engineering-phd/)

Certificate
• Graduate Certificate in Construction Management (http://catalog.utep.edu/grad/college-of-engineering/civil-engineering/construction-management-graduate-certificate/)

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