The Department of Multidisciplinary Engineering provides opportunities for engineering study outside the constraints of traditional engineering curricula. Students may engage with the department in a variety of ways including four-year engineering degrees, combination degree programs that award baccalaureate and graduate/professional degrees in a shortened timeframe, minors, certificates, courses, and a range of engaging programs such as Engineering Entrepreneurship (https://engineering.tamu.edu/student-life/eep/) and Subsea Engineering (https://engineering.tamu.edu/mtde/academics/degrees/graduate/mse-subsea/about-the-subsea-engineering-program.html).

The mission of the Department of Multidisciplinary Engineering is to:

1. Utilize the strength of the College of Engineering's core discipline departments to ensure graduates have strong technical skills appropriate to engineering practice,
2. Provide a vehicle for innovation in both engineering curriculum design and pedagogy, including active classroom techniques, laboratories, and other experiential learning activities such as fabrication, research, internship, and co-op,
3. Offer customizable opportunities for regional and/or underserved populations,
4. Enable means for students to have unique interdisciplinary/multidisciplinary educational experiences, which may include non-engineering disciplines,
5. Support access for students to develop knowledge and skills in emerging and even not-yet-existing fields, and
6. Prepare leaders and engineers who exhibit a dedication to lifelong learning, professional and ethical behaviors, sensitivity to global and cultural awareness and impact, and being agents of positive change.

In addition to activities at the College Station campus, the department maintains strong presences at the Galveston and McAllen campuses and through distance education worldwide. The department in an active innovator in engineering education through the creation and delivery of programs as well as granting students the ability to create new fields of study through the interdisciplinary engineering degree programs.

**Faculty**

- **Anwar, Saira**, Assistant Professor  
  Multidisciplinary Engineering  
  PHD, Purdue University, 2020

- **Arshad, Muzammil**, Instructional Associate Professor  
  Multidisciplinary Engineering  
  PHD, Florida Institute of Technology, 2018

- **Boehm, Rodney**, Associate Professor of the Practice  
  Multidisciplinary Engineering  
  MS, Texas A&M University, 1979

- **Brewer, Maurice**, Adjunct Professor  
  Multidisciplinary Engineering  
  MBA, Harvard Graduate School of Business Administration, 1984

- **Brumbelow, James**, Associate Professor  
  Multidisciplinary Engineering  
  PHD, Georgia Institute of Technology, 2001

- **Conkey, Andrew**, Instructional Associate Professor  
  Multidisciplinary Engineering  
  PHD, Texas A&M University, 2007

- **Criscione, John**, Professor  
  Multidisciplinary Engineering  
  MD, The Johns Hopkins University, 1999  
  PHD, The Johns Hopkins University, 1999

- **Curran, Christopher**, Associate Professor of the Practice  
  Multidisciplinary Engineering  
  BS, Texas A&M University, 1987

- **Diaz Rodriguez, Ivan**, Instructional Assistant Professor  
  Multidisciplinary Engineering  
  PHD, Texas A&M University, 2017

- **Donnell, James**, Professor of the Practice  
  Multidisciplinary Engineering  
  BS, Texas A&M University, 1982

- **Fox, Rafael**, Associate Professor of the Practice  
  Multidisciplinary Engineering  
  MS, Texas A&M University Kingsville, 1996

- **Jacobs, Timothy**, Professor  
  Multidisciplinary Engineering  
  PHD, University of Michigan, 2005

- **Ledbetter, William**, Professor of the Practice  
  Multidisciplinary Engineering  
  BS, Texas A&M University, 1975

- **Ligler, George**, Professor  
  Multidisciplinary Engineering  
  PHD, University of Oxford, 1975

- **Lopez, Oscar**, Professor of the Practice  
  Multidisciplinary Engineering  
  MS, University of California at Berkeley, 1988

- **Lunney, Joseph**, University Distinguished Professor  
  Multidisciplinary Engineering  
  JD, Stanford University, 1990  
  PHD, TULANE UNIVERSITY, 2006

- **Medina, Mario**, Professor  
  Multidisciplinary Engineering  
  PHD, Texas A&M University, 1992  
  PHD, Texas A&M University, 1992

- **Moreno, Michael**, Associate Professor  
  Multidisciplinary Engineering  
  PHD, Texas A&M University, 2009

- **Morganti, Dianna**, Instructional Associate Professor  
  Multidisciplinary Engineering  
  MLS, University of North Texas, 2003
Majors

• Bachelor of Science in Architectural Engineering, Mechanical Systems for Buildings Track (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/architectural-engineering-bs-mechanical-systems-buildings-track/)

• Bachelor of Science in Architectural Engineering, Structural Systems for Buildings Track (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/architectural-engineering-bs-structural-systems-buildings-track/)

• Bachelor of Science in Interdisciplinary Engineering (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/interdisciplinary-engineering-bs/)

• Bachelor of Science in Interdisciplinary Engineering and Master of Public Health in Occupational Safety and Health, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/interdisciplinary-engineering-bs-occupational-safety-and-health-mph/)

• Bachelor of Science in Interdisciplinary Engineering and Juris Doctor, 6-Year Degree Program (http://catalog.tamu.edu/undergraduate/}

Minors

• Engineering Entrepreneurship Minor (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/engineering-entrepreneurship-minor/)

• Engineering Project Management Minor (http://catalog.tamu.edu/undergraduate/engineering/multidisciplinary/engineering-project-management-minor/)