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 life-long 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
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PHD, Florida Institute of Technology, 2018

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Multidisciplinary Engineering
MS, Texas A&M University, 1979

Brewer, Maurice, Adjunct Professor
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MBA, Harvard Graduate School of Business Administration, 1984

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PHD, Georgia Institute of Technology, 2001

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PHD, Texas A&M University, 2007

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MD, The Johns Hopkins University, 1999
PHD, The Johns Hopkins University, 1999

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BS, Texas A&M University, 1987

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MS, Texas A&M University Kingsville, 1996

Jacobs, Timothy, Professor
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PHD, University of Michigan, 2005

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BS, Texas A&M University, 1975

Ligler, George, Professor
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PHD, University of Oxford, 1975

Lopez, Oscar, Professor of the Practice
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MS, University of California at Berkeley, 1988

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JD, Stanford University, 1990
PHD, TULANE UNIVERSITY, 2006

Medina, Mario, Professor
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PHD, Texas A&M University, 1992

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PHD, Texas A&M University, 2009

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MLS, University of North Texas, 2003

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PHD, Centro de Investigacion y de Estudios Avanzados, 2017
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BS, University of Texas at Austin, 1984

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PHD, Texas A&M University, 1993

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BS, Texas A&M University - Galveston, 1992

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PHD, Texas A&M University, 2018

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PHD, Texas A&M University, 2017

Shaw, Surupa, Assistant Professor
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PHD, University of New Hampshire, 2015

Shryock, Kristi, Associate Professor
Multidisciplinary Engineering
PHD, Texas A&M University, 2011

Minors

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

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/engineering/multidisciplinary/interdisciplinary-engineering-bs-juris-doctor/)