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, masters and doctoral degrees, combination degree programs that award multiple degrees in a shortened timeframe, 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

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PHD, Florida Institute of Technology, 2018

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

Brumbelow, James, Associate Professor
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PHD, Georgia Institute of Technology, 2001

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

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PHD, University of Michigan, 2005

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PHD, University of Oregon, 2011

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

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PHD, Texas A&M University, 1992

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Munoz Vazquez, Aldo, Instructional Assistant Professor
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PHD, Centro de Investigacion y de Estudios Avanzados, 2017

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PHD, Texas A&M University, 1993

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PHD, Banaras Hindu University, 1979

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PHD, Texas A&M University, 2001

Masters

- Master of Engineering in Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/multidisciplinary/engineering-meng/)
- Master of Engineering in Engineering and Doctor of Medicine Combined Degree Program (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/men-md/)
- Master of Science in Interdisciplinary Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/multidisciplinary/interdisciplinary-ms/)

Doctoral

- Doctor of Engineering in Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/multidisciplinary/engineering-deng/)
- Doctor of Philosophy in Interdisciplinary Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/multidisciplinary/interdisciplinary-phd/)

Certificates

- Engineering Project Management Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/interdepartmental-degree-programs/engineering-project-management-certificate/)
- Subsea Engineering Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/multidisciplinary/subsea-engineering-certificate/)