

Mechanical and Aerospace Engineering Department Fact Sheet



Department Head: Dr. J.I. Frankel, R. Myers Endowed Professor

Associate Department Head: Dr. F. Shu, Chapman Endowed Associate Professor

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Welcome: This fact sheet describes some of the major academic and research components of the department involving the faculty, programs, and student activities. The MAE Department offers BS, MS and PhD in Mechanical Engineering (ME) and Aerospace Engineering (AE). Further, a ME/AE Dual Degree program is available as well as a ME degree with a minor in AE. The fall 2020-2021 enrollment:

Bachelor Degree (703 students):

Mechanical	341
Aerospace	184
Dual ME/AE	178

Master Degree:

Mechanical	21
Aerospace	8

Doctoral Degree:

Mechanical	27
Aerospace	5

Faculty Distribution by Rank:

Professors	5
Associate Professors	8
Assistant Professors	5
CoE Teaching Asst. Professors	2
TOTAL	20

National Academy of Engineering: 1

Departmental Professorships: 4

Archival Publications (2019): 73

Faculty Patents: 4

Textbooks & Research Monographs: 3

Active Research Funding Sources:

NSF, LANL, SNL, NIH, NASA, AFOSR, USBR

Professional Societies (Student Sections):

American Society of Mechanical Engineering (ASME)

American Institute of Aeronautics and Astronautics (AIAA)



Rocketry Club

Advisor: Dr. F. Shu

IREC 2018



AIAA Design-Build-Fly

Advisor: Dr. A. Gross

