



DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING

RESEARCH AREAS

- Autonomous Systems & Robotics
- Computational Fluids and Materials Sciences
- Design, Manufacturing & Optimization
- Dynamical Systems & Controls
- Energy Systems & Thermal Sciences
- Mechanics of Materials & Biomechanics

The University of Florida is the state's flagship university and ranked number seven among public universities. The UF Herbert Wertheim College of Engineering was named with a \$50M gift that is catalyzing a \$300M transformation that includes faculty expansion, new facilities, and educational initiatives. The Department of Mechanical and Aerospace Engineering is uniquely positioned for excellence with strengths in solid mechanics and design, thermal fluid systems, and dynamics and controls that intersect interdisciplinary, cutting edge efforts including autonomous systems, multiphase turbulent systems, experimental mechanics, advanced manufacturing, novel energy systems, computational methods, soft-matter engineering, and aerospace technologies and systems. With the vibrant aerospace, space, and tech industries in the State of Florida, the Department of Mechanical and Aerospace Engineering is ready to Power the New Engineer to Transform the Future.



UNDERGRADUATE STUDENTS

1,832

UNDERGRADUATES ENROLLED
ASEE, 2019

25%

underrepresented minorities

20%

women

DOCTORAL STUDENTS

172

PH.D. STUDENTS ENROLLED
ASEE, 2019

12%

underrepresented minorities

15%

women

FACULTY

60

TOTAL FACULTY

47

TENURED AND TENURE-TRACK FACULTY

25

FELLOWS OF ASME, SEM, OSA, APS, AAAS, IEEE, AIAA, NAI, ASA, ASHRAE, ASABE

6

RECEIVED NSF CAREER AWARDS

4

RECEIVED YOUNG INVESTIGATOR AWARDS - ONR, AFOSR, NASA

STUDENT EXCELLENCE



74%

of MAE students have completed an internship in their undergrad studies.



#1

at the 2018 ASME Student Design Competition.



#2

at the 2015 Formula SAE competition in East Michigan. The team placed in the Top 10 in 2016 & 2017.

\$12.7 M

IN RESEARCH EXPENDITURES IN 2019

POWERING THE NEW ENGINEER

TO TRANSFORM THE FUTURE

mae.ufl.edu

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