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NEWTON C. EBAUGH PROFESSOR,
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The University of Florida's **Department of Mechanical & Aerospace Engineering** pursues greater understanding of the fundamentals of force, displacement, energy, and motion as a means to develop predictive theory, design, manufacture, power, and control systems.

Our mechanical engineering program will celebrate its 120 year anniversary in 2026 and is one of the founding departments of the Herbert Wertheim College of Engineering. Our aerospace engineering

program will celebrate its 80th anniversary in 2026. Now more than two decades beyond the successful merger of the mechanical and aerospace programs, MAE remains a vibrant and intellectually diverse program at both undergraduate and graduate levels. With nearly 60 faculty members and more than 3,000 undergraduate and graduate students, the department is comprehensive, and has world-class research in select areas of mechanical and aerospace engineering.

RESEARCH AREAS

- AI/Machine Learning
- Aeronautics
- Astronautics
- Bioengineering
- Control and Optimization
- Design and Manufacturing
- Computational Engineering
- Energy Conversion and Storage
- Engineering Education
- Fluid Dynamics and Acoustics
- Multiscale Modeling and Solid Mechanics
- Robotics and Autonomous Systems
- Soft Matter
- Thermal Transport
- Thermodynamics and Power

#5 PUBLIC UNIVERSITY IN THE NATION
FORBES, 2025

FACTS & FIGURES

3,000+

ENROLLED STUDENTS

UNDERGRADUATE STUDENTS

48%

UNDERREPRESENTED GROUPS

25%

WOMEN

GRADUATE PROGRAMS

AEROSPACE ENGINEERING

#16

MECHANICAL ENGINEERING

#21

AMONG PUBLIC UNIVERSITIES

25

CAREER AWARD WINNERS

40

FELLOWS IN PROFESSIONAL SOCIETIES

15

ACTIVE GRANTS OVER \$1 MILLION

\$28M

RESEARCH EXPENDITURES (2024-2025)

21

PATENTS GRANTED (2019-2025)



24

NEW FACULTY APPOINTMENTS IN 5 YEARS (2021-2026)



90

INVENTION DISCLOSURES (2019-2025)

4

STARTUP COMPANIES INCORPORATED