Fundamentals of Applied Mechanics

Program Modality
Accelerated, on-campus

Degree Conferred
Master of Science in Engineering Mechanics

Projected National Growth
5.3%
From 2016 - 2026 for Mechanical Engineers

Top Common Industries
- Aerospace Product and Parts Manufacturing
- Architectural, Engineering, and Related Services
- National Security and International Affairs
- Scientific Research and Development Services
- Software Publishers
- Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
- Colleges, Universities, and Professional Schools

Job Postings
6.1K postings in 2017

Program Duration
1 year

What You Will Learn
- Understand the basics in mechanics of materials, dynamics, finite element analysis, and more.
- Demonstrate a strong understanding of mathematical, scientific, and engineering principles in the field.
- Demonstrate an ability to formulate, analyze, and independently solve advanced engineering problems.
- Apply the relevant scientific and technological advancements, techniques, and engineering tools to address these problems.

Advertised Salary
Mean: $77K
Median: $70K

Top Common Employers
- Oracle
- US Army
- United Technologies Corporation
- US General Service Administration
- Raytheon
- General Motors
- Johnson & Johnson