Modeling and Simulation in Mechanical Engineering

Program Modality
Accelerated, on-campus

Program Duration
1 year

Degree Conferred
Master of Science in Mechanical Engineering

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

What You Will Learn
- Gain an advanced skill set in computational engineering literacy and advanced simulation and modeling methodology
- 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: $84K
Median: $90K

Top Common Industries
- Scientific Research and Development Services
- Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
- Aerospace Product and Parts Manufacturing
- Architectural, Engineering, and Related Services
- Colleges, Universities, and Professional Schools
- Motor Vehicle Parts Manufacturing

Top Common Employers
- General Dynamics
- Raytheon
- Sandia Corporation
- Amec