



Welcome

orientation

**MONTANA**  
STATE UNIVERSITY

— BOZEMAN · MONTANA —

# Department of Mechanical & Industrial Engineering

Prof. Dilpreet Bajwa, Department Head

Prof. Kevin Cook, Academic Program Coordinator





**Roberts Hall**



**Barnard Hall**



**Norm Asbjornson Hall**



# Department Overview

- Mechanical & Industrial Engineering Department  
(Largest department in the College of Engineering)
  - **Main Office 220 Roberts Hall, 406-994-2203**
  - Help available - 8 am – 5 pm M-F
- BS Financial Engineering
- BS Industrial & Management Systems Engineering
- BS Mechanical Engineering
- BS Mechanical Engineering Technology
- **Several minors available**
  - Aerospace
  - Materials
  - Building Energy Systems
  - Mechatronics
  - Engineering Management
  - Financial Engineering





Durward Sobek II  
Interim Vice Provost  
Professor  
Montana Hall 212 994-7140  
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# UG Advising and Help Desk

**Rachel Wagner - 406-994-2296**

**Richards Owen - 406-994-6289**

**Katie Gahagan – 406-994-5782**

**Katherine Miller – 406-994–2204  
(M&IE main office)**



# M&IE Department Programs



- **BS Financial Engineering**

- A new multi-disciplinary field that applies economics and engineering to solve problems, manage business risk and capture new opportunities.
- EFIN graduates are engaged in financial services, agriculture, retail, logistics, and big data applications.
- EFIN roles include financial and risk analysts, quantitative modelers, marketing analytics, and many others.



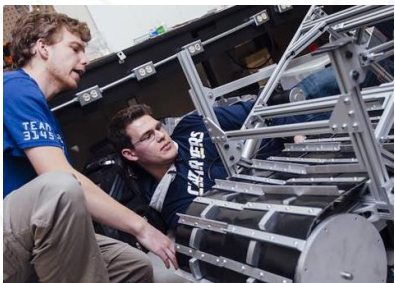
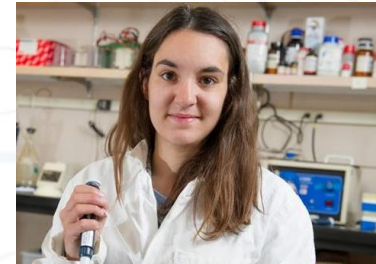
Service Sector Engineering

- **BS Industrial & Management Systems Engineering**

- Broad engineering discipline: solving complex problems using engineering tools to improve system design with a focus on the human side of processes.
- IMSE graduates work in virtually every industry, commonly in manufacturing, transportation/ logistics, healthcare, and financial services.
- IMSE roles include project management, technology management, human factors, quality management, and many others.

- **BS Mechanical Engineering**

- Versatile engineering discipline: solving problems through design/development/testing of mechanical and thermal systems.
- ME graduates work in a variety of industries, including aerospace, automotive, energy systems, biomechanical, manufacturing, research and development, robotics, transportation, construction and environmental.
- ME roles include product development, design, manufacturing, research, systems development and control, testing, maintenance, and many more.



- **BS Mechanical Engineering Technology**

- Versatile engineering discipline: using applied engineering methods and tools to solve a broad range of problems related to mechanical and thermal systems.
- MET graduates work in a variety of industry, commonly in manufacturing, building energy systems, aerospace, automotive, alternative energy systems, transportation, construction, mining, and many more.
- MET roles include product development, design, process development, manufacturing, quality management, project management, field engineering, HVAC and Building Systems, maintenance, and many others.

