Mechanical Engineering students learn how to design and build things that move, including machines, technological systems, robots, aircrafts, automobiles, artificial limbs and consumer products. They also learn how to generate and develop energy.

### How Students Report That They Spend Their Time

**Quick Facts:**
- 26 faculty members
- 205-252 undergraduate students
- 10-60 average students per course

**How Students Report That They Spend Their Time**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giving/preparing for presentations</td>
<td>12%</td>
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<tr>
<td>Working on problem sets</td>
<td>10%</td>
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<tr>
<td>Studying for/taking written exams</td>
<td>9%</td>
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<tr>
<td>Building things</td>
<td>9%</td>
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<tr>
<td>Working in a Lab</td>
<td>9%</td>
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<tr>
<td>Computer programming</td>
<td>8%</td>
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<tr>
<td>Giving/preparing for presentations</td>
<td>12%</td>
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<td>Group projects</td>
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<tr>
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</table>

### Upper-Level Courses

- **ME 333:** Introduction to Mechatronics
- **ME 340-1:** Computer Integrated Manufacturing
- **ME 365:** Finite Elements for Stress Analysis
- **ME 398:** Engineering Design

### Research Areas

- MEMS and nanotechnology
- Human/robot systems
- Neuromechanics
- User-centered design

### Plans of Graduating Seniors '08-'12

- Industry
- MS
- PhD
- JD
- Additional Study
- Military
- Plans Pending

### 5 Challenges in the Next 5 Years

1. Life-cycle analysis of energy systems
2. Controlling legged locomotion
3. Precision mesoscale manufacturing
4. Stretchable/wearable electronics
5. Intelligent structural health monitoring

### Industry: Examples of Positions Held by '12 Grads

- Design Engineer, Zebra Tech
- Associate, General Motors
- Engineer, Ethicon Endo Surgery
- Technical Services Analyst, Epic Systems
- Chief Creative Officer, Sproutel

### Recent Alumns

Hannah Chung '12 and Aaron Horowitz '12 founded their own start-up company Sproutel to commercially produce "Jerry the Bear" (a teaching toy for children with Diabetes), an invention that they created while undergraduates.

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**Studens Say**

I love mechanical engineering because it helps me make sense of the world around me. I am constantly changing how I interact with the world based on what I learn in the classroom.

—Drew Levorsen, '14

**Recent Alumns**

Hannah Chung '12 and Aaron Horowitz '12 founded their own start-up company Sproutel to commercially produce "Jerry the Bear" (a teaching toy for children with Diabetes), an invention that they created while undergraduates.

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**Industry: Examples of Positions Held by '12 Grads**

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