Bachelor of Science Degree Program
Students earn an accredited Bachelor of Science (B.S.) degree and are trained in both of the major streams of mechanical engineering: Mechanical Systems, which is concerned with the design, analysis, testing and manufacturing of machinery, vehicles, devices and systems, and which includes structural analysis, dynamics, control and materials processing.

Engineering of Fluids, Energy, and Heat-Transfer Systems, which relates to the analysis and design of fluids/thermal systems, and to the underlying sciences of fluid dynamics, heat transfer, thermodynamics, and combustion.

Master of Engineering Degree
The Master of Engineering Degree (M.Eng.) is a flexible nine-month program of advanced coursework and a design project. Focus areas for the program include:
- Astronautics
- Dynamics, Controls and Robotics
- Micro and Nanoscale Engineering
- Thermal-Fluid Sciences

The program also allows for participation in one of the following minors: Bioengineering, Engineering Management, Manufacturing, or Systems Engineering.

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Bachelors</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>$58,143</td>
<td>$58,968</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>$51,571</td>
<td>$51,050</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$55,630</td>
<td>$56,667</td>
</tr>
<tr>
<td>Government</td>
<td>$57,220</td>
<td>$56,433</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$55,630</td>
<td>$56,667</td>
</tr>
</tbody>
</table>

Response Rates

- Undergraduate: 82%
- Graduate: 71%
- Surveyed: 203
- Responded: 156
- Bachelors: 86
- Masters: 59
- Doctoral: 11

Sample Job Titles
- Biomechanic Engineer
- Performance Engineer
- Research Engineer
- Navigation & Control Engineer
- Upstream Engineer
- Systems Engineer
- Launch Engineer
- Design Engineer
- Test Engineer
- R&D Engineer

Postgraduate Activities

- Bachelors Degree Recipients
  - Employed: 48%
  - Graduate School: 44%
  - Still Seeking: 6%
  - Other Endeavors: 2%

- Masters Degree Recipients
  - Employed: 59%
  - Pursue Ph.D.: 36%
  - Still Seeking: 5%

Most Popular Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>$74,968</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>$75,050</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$69,667</td>
</tr>
<tr>
<td>Government</td>
<td>$76,433</td>
</tr>
</tbody>
</table>
Co-op Students, 2008-2009

Signing Bonus
51% of students reported receiving a median of $5,000

How Employment was found
Career Services 50%
Internet Job Listing 12%
Other 16%
Personal Contact 12%
*Previous Internship 10%

*of these, 63% were found through career services

Salary Statistics
(mean annual salaries, shown in US Dollars)

Bachelors    Masters    Doctoral
$57,489       $70,908      $101,075
$53,865       $67,067      $89,900    2007

Signing Bonus
51% of students reported receiving a median of $5,000

Co-op Students, 2008-2009

Average    Range    Participants
$19.69      $16.03-24.63  16
$17.86      $12.50-21.00  22    2007

Engineering Co-op & Career Services
201 Carpenter Hall
Ithaca, NY 14853
eng-career@cornell.edu
Phone: 607-255-5006

Employers
General Electric       6
Northrop Grumman      4
Boeing                 3
Raytheon               3
Cornell University     2
General Dynamics       2
General Motors         2
Jet Propulsion Labs    2
Lockheed Martin        2
Lutron Electronics     2
Orbital Science Corp.  2
Shell Oil Company      2
Space Exploration Tech.  2
Tactair Fluid Controls 2
Toyota                 2
A*Star
Acorn Product Development
AgScape LLC
American Airlines
Arup
BAE Systems
Bear Stearns
Capgemini
Carrier Corp.
Coherent Navigation
ConocoPhillips
Corning
DSO National Laboratory
Exponent
ExxonMobil
Goodrich
Intevac
Iowa State University
Jade Range LLC
Johns Hopkins University, Applied Physics Lab
Mechanical Solutions, Inc.
Milliman
Oak Ridge National Laboratory
Ocean Engineering International
Parata Systems
Plastipak Packaging
Procter & Gamble
Ropes & Gray
Ross Creek Medical, Inc.
Samsung
Sandia National Labs
Sikorsky Aircraft
Simpson Gumpertz & Heger
Stroud Consulting
Sunoco, Inc.
Taitem Engineering
Turner Construction
UBS
United Launch Alliance
U.S. Army
U.S. Army Research Lab
U.S. Navy

Geographic Location of Employed Graduates

International 5%
Northeast 20%
Boston 8%
Mid Atlantic 14%
NYC Metro 6%

San Francisco Bay Area 9%
LA Metro 8%
Southwest 10%
South 4%
Midwest 15%
Chicago

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