This menu is a tool for you to use to explore opportunities at Mines outside of the classroom. These are not requirements, but rather recommendations to help you leverage what Mines has to offer. Just like at a restaurant, choose what looks best to you and start from there! This menu can help you create your own pathway and customize your experience during your time at Mines.

The activities are placed in specific years based off staff and faculty recommendations, but you can participate in most of them at any time. There is never a wrong time to get involved if you're looking, and no pressure to do any of these things!

Get to know Electrical Engineering
The undergraduate Electrical Engineering degree at Mines strives to produce future leaders who can serve the profession, the community, and society. We cater to various industries including electric power and energy, renewable energy, aerospace, communications, robotics, and diverse industries that rely on embedded intelligence to manage data and systems.

Students graduate with relevant and cutting edge technical knowledge through the core courses and very well-designed specialized electives in the areas of energy systems and power electronics, antennas and wireless communications, information and systems sciences, and integrated circuits and electronics. Undergraduate students in the department have the opportunity to participate in research projects along with graduate students and the faculty.

Get Involved
Attend Celebration of Mines in August to get to know campus organizations and academic departments, sample food, and play games. Below are some departments that offer many great opportunities to enhance your experience here at Mines.

- Student Activities, Involvement & Leadership
- University Honors and Scholars Program
- Every Oredigger

Academic options in Electrical Engineering
Explore the options below to see how to expand upon an Electrical Engineering degree and what to expect from the course load.

- Minors
  - Computer Engineering
  - Computer Science
  - McBride Honors Program
  - Teaching

- 4+1 Programs
  - Electrical Engineering

- Academic Flow Chart
- Academic Catalog

Contact us: 1610 Illinois St., Golden, CO 80401  electrical@mines.edu  303-384-2465  https://electrical.mines.edu
<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>4th or final year</th>
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<tbody>
<tr>
<td><strong>Leadership &amp; Innovation</strong></td>
<td><strong>Professional Development</strong></td>
<td><strong>Research, Creative &amp; Scholarly Achievement</strong></td>
<td><strong>Inclusive &amp; Impactful Civic Engagement</strong></td>
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<tr>
<td>• Explore opportunities to get involved with the Undergraduate Student Government</td>
<td>• Attend Career Day</td>
<td>• Attend the Emerging Scholars Seminar Series to learn about various research topics</td>
<td>• Apply to work at College View Middle School in Denver as a tutor</td>
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<td>• Explore options to get involved with RHA and Community Councils</td>
<td>• Use Internship for employment opportunities</td>
<td>• Find a faculty member you are interested in working with and apply for URIHE</td>
<td>• Join Society of Women Engineers as a member</td>
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<tr>
<td>• Apply for the Environmental Leadership Lab trip and Scholars Program. Check the Daily Blast for more information in April.</td>
<td>• Attend CAREER Day for summer internship positions</td>
<td>• Attend the Emerging Scholars Seminar Series to learn about various research topics</td>
<td>• Attend the Study Abroad Fair this Fall to start exploring your options. Additional scholarships may be available.</td>
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<tr>
<td><strong>Health &amp; Wellness</strong></td>
<td><strong>Inclusive &amp; Impactful Civic Engagement</strong></td>
<td><strong>Research, Creative &amp; Scholarly Achievement</strong></td>
<td><strong>Leadership &amp; Innovation</strong></td>
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<td>• Participate in the Oredigger Camp to build your Mines community before classes start</td>
<td>• Attend a Bystander Intervention workshop</td>
<td>• Attend the IEEE Student Chapter</td>
<td>• Explore opportunities to get involved with a mentorship program</td>
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<td>• Balance studying for finals with daily wellness activities during Stress Less Week</td>
<td>• Attend a CPR suicide prevention training</td>
<td>• Attend the leadership summit and develop your leadership skills right on campus</td>
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