Cecil College Degree Options

- **Engineering**
  - Aerospace
  - Chemical
  - Civil
  - Computer
  - Electrical
  - Mechanical
- **Science**
  - Biology
  - Chemistry
  - Environmental Science
  - Equine Studies
  - Horticulture Science
  - Physics
- **Physical Sciences**
  - Geology
  - Meteorology
  - Ocean Studies
- **Mathematics**
- **Cyber Security**

### Skill Sets

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Analytical skills</td>
<td>Problem solving</td>
</tr>
<tr>
<td>Critical thinking</td>
<td>Applied learning skills</td>
</tr>
<tr>
<td>Mechanical and technical skills</td>
<td>Detail oriented</td>
</tr>
<tr>
<td>Mathematical skills</td>
<td></td>
</tr>
</tbody>
</table>

### Occupations

<table>
<thead>
<tr>
<th>Occupations</th>
<th>Educational Requirement</th>
<th>Median Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineer</td>
<td>Bachelor's</td>
<td>$71,000</td>
</tr>
<tr>
<td>Mechanical Engineer</td>
<td>Bachelor's</td>
<td>$72,000</td>
</tr>
<tr>
<td>Engineering Technician</td>
<td>Associate</td>
<td>$60,000</td>
</tr>
<tr>
<td>Biological Scientist</td>
<td>Bachelor's</td>
<td>$62,000</td>
</tr>
<tr>
<td>Meteorologist</td>
<td>Bachelor's</td>
<td>$77,500</td>
</tr>
<tr>
<td>Geoscientist</td>
<td>Bachelor's</td>
<td>$90,000</td>
</tr>
<tr>
<td>Environmental Specialist</td>
<td>Bachelor's</td>
<td>$91,000</td>
</tr>
<tr>
<td>Physicist</td>
<td>Doctorate</td>
<td>$106,000</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>Bachelor's</td>
<td>$100,000</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>Bachelor's</td>
<td>$63,000</td>
</tr>
</tbody>
</table>

*Note: Occupational data is available at the Bureau of Labor Statistics and in state Occupational Handbook Guides.*

### Transfer Opportunities

Cecil College has 220 science and technology transfer agreements with colleges and universities within Maryland and across the country. All agreements are designed to transition students from the community college to a four-year institution. Each student's transfer pathway is unique and requires action by the student and advisors at both institutions.

Below is a sampling of 14 partnerships Cecil College offers in science and technology.

- **Frostburg University**
  - Materials Management - Engineering – Fall 2015
- **Millersville University**
  - Geology
  - Meteorology
  - Ocean Sciences
- **Morgan State University**
  - Electrical Engineering
  - Computer Engineering
- **University of Delaware**
  - Civil Engineering
- **University of Maryland**
  - Corrections Technology
- **Arcadia**
  - Biology

For more information regarding specific agreements or transferring credits, please contact the Cecil College Advising Office at 410-287-1000, ext. 1872.

Questions?
Contact admissions@cecil.edu or call 410-287-1006.