Success Marker Courses

The majority of students who successfully graduated with the Bachelor of Science in Mechanical Engineering degree earned the following grades or higher in the identified semesters:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>GRADE</th>
<th>SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 121N/122N &amp; CHEM 123N/124N</td>
<td>C</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>MATH 162M</td>
<td>B</td>
<td>1</td>
</tr>
<tr>
<td>MATH 163M</td>
<td>B</td>
<td>2</td>
</tr>
<tr>
<td>CS 150</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>ENGN 110</td>
<td>B</td>
<td>1</td>
</tr>
<tr>
<td>MATH 211</td>
<td>B</td>
<td>1 or 2</td>
</tr>
<tr>
<td>PHYS 231N</td>
<td>B-</td>
<td>2 or 3</td>
</tr>
<tr>
<td>MATH 212</td>
<td>C</td>
<td>2 or 3</td>
</tr>
<tr>
<td>MAE 201</td>
<td>B</td>
<td>2 or 3</td>
</tr>
<tr>
<td>MAE 203</td>
<td>B</td>
<td>2 or 3</td>
</tr>
<tr>
<td>MAE 204</td>
<td>B</td>
<td>2 or 3</td>
</tr>
</tbody>
</table>

Minimum requirements for admission to the program:
— Complete the course Explore Engineering and Technology. Complete at least 30 credit hours applicable toward a degree. Have an overall GPA of 2.00 or higher. Meet any other degree program admission requirements.

Areas of Employment:
- Manufacturing Engineer
- Energy Efficiency Specialist
- Researcher/Research Associate
- Actuary
- Energy Engineer
- Solar Engineer
- Industrial Designer
- Ergonomist
- Data/Data Mining Analyst
- Quantitative Analyst
- Product Development Engineer
- Industrial Engineer
- Production Manager
- Validation Engineer
- Quality Manager
- Alternative Energy Manager

Parallel Plans (areas of study) for those interested in this major are:
- Mechanical Engineering Technology
- Civil Engineering Technology
- Civil Engineering
- Criminal Justice
- Management
- Biology
- Accounting
- Info Systems & Technology

Salaries (based upon national data)

- Less than 1 year (340) $66,319
- 1-4 years (1618) $61,586
- 5-9 years (1141) $76,410
- 10-19 years (968) $93,652
- 20 years or more (672) $107,639

Currency: USD | Updated 23 May 2015 | Individuals Reporting: 4,739

PayScale © Payscale, Inc. © www.payscale.com
Students admitted to the undergraduate and graduate mechanical engineering programs can be expected to complete course requirements, which necessitate the physical and mental abilities listed below. Any student who thinks he/she does not possess one or more of the following skills should seek assistance from an academic counselor or faculty advisor and Educational Accessibility concerning any flexibility in program requirements and possible accommodation through technical aids and assistance.

1. Assimilate theoretical concepts, which are often communicated through mathematical equations, texts, diagrams and graphs, and apply such concepts in solving hypothetical and practical problems.

2. Assemble, perform tests on, and evaluate results from laboratory equipment including equipment of a mechanical, electrical or optical nature.

3. Operate devices such as computers, optical, electrical and mechanical instrumentation and test equipment without injury to self or other.

4. Communicate effectively and in written documents that are correct in grammar, style and mechanics.

**IMPORTANT RESOURCES**

**Academic Enhancement**
- [http://ww2.uc.odu.edu/](http://ww2.uc.odu.edu/)
- Student Success Center
- 757-683-3699 (Information Desk)
- [sscdesk@odu.edu](mailto:sscdesk@odu.edu)
- **Academic Coaching**
  - [https://www.odu.edu/success/academic/coaching](https://www.odu.edu/success/academic/coaching)
- **Peer Educator Program**
  - [https://www.odu.edu/peereducator](https://www.odu.edu/peereducator)
- **Student Support Services**
  - [http://uc.odu.edu/sss/](http://uc.odu.edu/sss/)
- University Testing Center
  - [https://www.odu.edu/testing-center](https://www.odu.edu/testing-center)
- **Upward Bound**
  - [https://www.odu.edu/partnerships/community/programs/upwardbound](https://www.odu.edu/partnerships/community/programs/upwardbound)
- **Writing for College Success**
  - [http://ww2.uc.odu.edu/academicskills/](http://ww2.uc.odu.edu/academicskills/)

**Advising and Transfer Programs**
- [https://www.odu.edu/advisingprograms](https://www.odu.edu/advisingprograms)
- 757-683-3699 (office); [advisor@odu.edu](mailto:advisor@odu.edu)

**Career Management Center**
- [https://www.odu.edu/cmc](https://www.odu.edu/cmc)
- 757-683-4388 (office); 800-937-6381 (cell)
- [cmc@odu.edu](mailto:cmc@odu.edu)

**Center for Major Exploration**
- [https://www.odu.edu/success/academic/majorexploration](https://www.odu.edu/success/academic/majorexploration)
- 757-683-4805 (office); [cme@odu.edu](mailto:cme@odu.edu)

**Counseling Services, Office of**
- [https://www.odu.edu/counselingservices](https://www.odu.edu/counselingservices)
- 757-683-4401 (office)

**Education Accessibility, Office of**
- [https://www.odu.edu/educationalaccessibility](https://www.odu.edu/educationalaccessibility)
- 757-683-4655 (office)

**Financial Aid, Office of**
- [https://www.odu.edu/finaidoffice](https://www.odu.edu/finaidoffice)
- 757-683-3683 (office)

**Math and Science Resource Center**
- [http://sci.odu.edu/msrc/](http://sci.odu.edu/msrc/)
  - Math + Psych Tutoring
    - Library: 1312
  - Chemistry Tutoring
    - OSPNS: 146
- 757-683-6776
- [msrc@odu.edu](mailto:msrc@odu.edu)

**Writing Center**
- [http://al.odu.edu/writingcenter/](http://al.odu.edu/writingcenter/)
- Room 1307 of the Learning Commons in Perry Library
- 757-683-4013