Success Marker Courses

The majority of students who successfully graduated 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>CHEM121N/122N &amp;</td>
<td>C</td>
<td>1 &amp; 2</td>
</tr>
<tr>
<td>CHEM 123N/124N</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH162M</td>
<td>B</td>
<td>1</td>
</tr>
<tr>
<td>MATH163</td>
<td>B</td>
<td>2</td>
</tr>
<tr>
<td>CS150</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>ENGN110</td>
<td>B</td>
<td>1</td>
</tr>
<tr>
<td>MATH211</td>
<td>B</td>
<td>1 or 2</td>
</tr>
<tr>
<td>PHYS231N</td>
<td>B-</td>
<td>2 or 3</td>
</tr>
<tr>
<td>MATH212</td>
<td>C</td>
<td>3 or 4</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:

Transportation Planner / Analyst
Researcher / Research Associate
Actuary
Transportation Engineer
Civil Engineer
Data / Data Mining Analyst
Quantitative Analyst
Environmental Engineer
Production Manager
Validation Engineer
Construction / Building Inspector
Construction Manager
Quality Manager
Alternative Energy Manager
Engineering Manager
Environmental Compliance Specialist

Parallel Plans (areas of study) for those interested in this major are:
Civil Engineering Technology
Mechanical Engineering
Mechanical Engineering Technology

Criminal Justice
Accounting

Salaries (based upon national data)

<table>
<thead>
<tr>
<th>Experience</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year (163)</td>
<td>$50,296</td>
</tr>
<tr>
<td>1-4 years (843)</td>
<td>$55,120</td>
</tr>
<tr>
<td>5-9 years (548)</td>
<td>$68,522</td>
</tr>
<tr>
<td>10-19 years (456)</td>
<td>$83,373</td>
</tr>
<tr>
<td>20 years or more (295)</td>
<td>$102,477</td>
</tr>
</tbody>
</table>
Students admitted to the undergraduate and graduate civil and environmental 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 test equipment used in civil and environmental engineering laboratories, function with computers to assimilate data.
4. Work safely with mechanical or electrical equipment and potentially lethal voltages and currents or heavy weights.
5. Able to distinguish loudness and tonal differences in laboratory experiments and classroom lectures.
6. Communicate effectively and organize concepts, information and ideas to prepare and deliver oral presentations.

**IMPORTANT RESOURCES**

**Academic Enhancement**
- [https://www.odu.edu/academicenhancement](https://www.odu.edu/academicenhancement)
- 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/ss/out](http://uc.odu.edu/ss/out)
- University Testing Center
  - [https://www.odu.edu/testing-center](https://www.odu.edu/testing-center)
- Upward Bound
  - [https://www.odu.edu/partnerships/community/program/upwardbound](https://www.odu.edu/partnerships/community/program/upwardbound)
- Writing for College Success
  - [https://www.odu.edu/academicskills](https://www.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

**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
- msrcc@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