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 &amp; CHEM122N</td>
<td>C</td>
<td>1</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 3</td>
</tr>
<tr>
<td>CHEM123N</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>PHYS231N</td>
<td>B-</td>
<td>2 or 4</td>
</tr>
<tr>
<td>MATH212</td>
<td>C</td>
<td>2 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:

Researcher / Research Associate
Data Architect
Actuary
Computer Scientist
Computer Systems Engineer / Architect
Video Game Designer
Network Engineer / Architect
Web Developer
Hardware Engineer
Electronics Engineer
Software QA Engineer / Tester
Software Developer / Engineer
Cyber / Information Security Engineer / Analyst
Data Warehousing Specialist
Mobile Applications Developer
Electrical Engineer
Business Intelligence Architect / Developer
Data / Data Mining Analyst
Quantitative Analyst
Production Manager
Validation Engineer
Webmaster / Administrator
IT Project Manager
Quality Manager
Alternative Energy Manager
Engineering Manager
Environmental Compliance Specialist
Sales Engineer
Database Administrator
RF Engineer
Computer Programmer

Parallel Plans (areas of study) for those interested in this major are:

Electrical Engineering Technology
Electrical Engineering
Info Systems & Technology
Computer Science
Mechanical Engineering Technology
Mechanical Engineering
Accounting
Civil Engineering

Salaries (based upon national data)

- Less than 1 year (84) $40,379
- 1-4 years (336) $67,176
- 5-9 years (265) $84,829
- 10-19 years (222) $105,903
- 20 years or more (59) $114,100

Currency: USD | Updated 13 June 2015 | Individuals Reporting: 966

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Students admitted to the undergraduate and graduate electrical and computer 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 an electrical nature.

3. Operate electrical equipment and potentially lethal voltages and currents without injury to self or others.

4. Operate standard test equipment used in engineering laboratories, function with computers to assimilate data.

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

**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
- 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
  - [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

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