ELECTRICAL ENGINEERING - MINOR

The Department of Electrical and Computer Engineering offers a minor to students who are interested in electrical engineering applications related to circuits, signals and systems, electronics, instrumentation, and digital systems. Students interested in the Electrical Engineering minor should contact the undergraduate advising office of the Electrical and Computer Engineering Department for further information.

Requirements: In order to earn a Minor in Electrical Engineering, students must meet and adhere to the following requirements and guidelines:

- A grade of C or better for all courses used towards the minor.
- A minimum cumulative 2.75 GPA to enter the minor.
- Complete the courses listed for the selected Electrical Engineering minor track.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECEN 214</td>
<td>Electrical Circuit Theory</td>
<td>4</td>
</tr>
<tr>
<td>ECEN 248</td>
<td>Introduction to Digital Systems Design</td>
<td>4</td>
</tr>
<tr>
<td>ECEN 314</td>
<td>Signals and Systems</td>
<td>3</td>
</tr>
<tr>
<td>ECEN 325</td>
<td>Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ECEN Elective</td>
<td>(<a href="http://catalog.tamu.edu/">http://catalog.tamu.edu/</a></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>undergraduate/course-descriptions/ecen/)</td>
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</tbody>
</table>

Total Semester Credit Hours 18

1 Select course from ECEN 300-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/ecen/) except ECEN 314, ECEN 325, and ECEN 485.

Students must make a grade of ‘C’ or better in all courses.

Further Requirements: A minimum grade point average of 2.75 is required for entering the minor. Prerequisite coursework includes the calculus sequence, MATH 308, and PHYS 208 or equivalents. Students majoring in Computer Engineering will not be permitted to minor in Electrical Engineering since the coursework prescribed for the minor is required coursework for the Computer Engineering degree.