Minor in Computer Engineering

The Minor in Computer Engineering consists of 16 or more credit hours, representing fundamental areas of knowledge in the field of Computer Engineering. Undergraduate students interested in the minor in Computer Engineering must select the coursework with an advisor in order to receive the minor. The main objective of the program is to offer interested students with GPAs of 3.00 or above in any field of study other than Computer Engineering, the opportunity to enhance their capabilities in their own profession by developing expertise in the high demand areas of digital design, software engineering, and embedded systems. These courses generally have prerequisites, and their enrollment will need approval by the Electrical and Computer Engineering Department.

Degree Requirements

Enrolled students must complete between 16 or more credit hours in consultation with an advisor and maintain a GPA of 3.00 or above.

Degree Plan

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Required Courses:</td>
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<tr>
<td>ECE 2300</td>
<td>Software Design I</td>
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<tr>
<td>ECE 2303</td>
<td>Digital Systems Design I</td>
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<tr>
<td>&amp; ECE 2103</td>
<td>and Lab for ECE 2303</td>
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<td>Prescribed Elective Courses:</td>
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<td>Select three of the following:</td>
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<tr>
<td>ECE 3350</td>
<td>Software Design II</td>
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<td>ECE 2304</td>
<td>Microprocessor Systems I</td>
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<td>&amp; ECE 2104</td>
<td>and Lab for ECE 2304</td>
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<td>ECE 4353</td>
<td>Digital Systems Design II</td>
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<td>&amp; ECE 4153</td>
<td>and Lab for ECE 4353</td>
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<td>ECE 3352</td>
<td>Operating System Design</td>
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<td>ECE 3351</td>
<td>Computer Architecture</td>
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<tr>
<td>ECE 4390</td>
<td>Special Topics</td>
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<tr>
<td>ECE 33XX/ ECE 43XX ECE elective course (optional by Department approval)</td>
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Total Hours 16