<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Term(s)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 111</td>
<td>Intro. to Electrical &amp; Comp. Engr.</td>
<td>F(3)</td>
<td></td>
</tr>
<tr>
<td>CS 161</td>
<td>Intro to Comp. Sci. I C++</td>
<td>W(4)</td>
<td></td>
</tr>
<tr>
<td>MTH 251</td>
<td>Differential Calculus</td>
<td>F(4)</td>
<td></td>
</tr>
<tr>
<td>MTH 252</td>
<td>Integral Calculus</td>
<td>W(4)</td>
<td></td>
</tr>
<tr>
<td>CH 201</td>
<td>Chemistry for Engineers</td>
<td>F, W(3)</td>
<td></td>
</tr>
<tr>
<td>WR 121</td>
<td>English Composition Alpha Sectioned</td>
<td>F, W(3)</td>
<td></td>
</tr>
<tr>
<td>HHS 231 +</td>
<td>Lifetime Fitness</td>
<td>F, W, S, U(2+1)</td>
<td></td>
</tr>
</tbody>
</table>

**Fall**

- **ECE 111**
- **CS 161**
- **MTH 251**
- **CH 201**
- **WR 121**
- **HHS 231 + 241/PAC**

**Winter**

- **ECE 112**
- **CS 162**
- **MTH 252**
- **MTH 254**
- **COMM 111/114**
- **Perspectives Social Processes & Institutions**

**Spring**

- **ENGR 201**
- **MTH 306**
- **CS 261**
- **Perspectives Literature & Arts**

**Notes:**

1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, Summer, Ecampus)
2. (_ _) : Represents the credits of the course
3. Arrows: Represents prerequisites and co-requisites for that course
4. Shaded courses are required prior to admission to the Professional Program
5. Summer Courses may be cancelled due to low enrollment
# Electrical & Computer Engineering

## Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
</table>
| ECE 322 Electronics I  
F, W, (3) | ECE 323 Electronics II  
W, S (3) | CS 261, ECE 271 |
| ECE 351 Signals & Systems I  
F, W (3) | ECE 352 Signals & Systems II  
W, S (3) | ECE 372 Intro. to Computer Networks  
F, W, S, U, E (4) |
| ECE 375 Computer Org. & Assembly Language  
F, W (4) | ECE 353 Signals & Systems III  
W, S (3) | ECE Elective  
(3-4) |
| CS 344 or ECE 390  
F, W, U, E (4) | ECE 391 Transmission Lines  
W, S (3) | ECE 441 Senior Capstone I  
F (3) |
| WR 121 | Synthesis  
Contemporary Global Issues  
F, W, S, U, E (3) | ECE 442 Senior Capstone II  
Must be taken sequentially:  
W (3) |
| WR 327 Technical Writing  
F, W, S, U, E (3) | CS 391 Social/Ethical Issues  
(STS Synthesis)  
F, W, S, U, E (3) | Perspectives  
Cultural Diversity  
F, W, S, U, E (3) |

## Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
</table>
| ECE Elective  
(3-4) | ECE Elective  
(3-4) | ECE Elective  
(3-4) |
| ECE 441  
ECE Elective  
(3-4) | ECE 442 Senior Capstone III  
S (2) | ECE Elective  
(3-4) |

### Notes:
1. Textured courses are Professional Program courses
2. Summer Courses may be cancelled due to low enrollment
3. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits
4. 180 total credits are needed to graduate