Electrical Engineering  
2019 – 2020 Transfer Advising Guide  

Academic Advising  
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Program Admission Requirements  
- Selective Admission Program- requires cumulative GPA of 2.3  

Transfer Recommendations  
- Completion of Associate in Science (AS)  

Special Notes  
- Students must attain a grade of C or higher in all biology, chemistry, computer science, mathematics, physics, and any type of engineering class  

<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
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<tbody>
<tr>
<td><strong>Inver Hills Community College</strong></td>
</tr>
<tr>
<td>MATH 1133</td>
</tr>
<tr>
<td>MATH 1134</td>
</tr>
<tr>
<td>CS 1110 ¹</td>
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</tbody>
</table>

| Additional Required Courses  
To be taken at NDSU  
Technical Elective (x4) |  
<table>
<thead>
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<tbody>
<tr>
<td>MATH 2221 or MATH 2223 ²</td>
<td>MATH 129</td>
</tr>
<tr>
<td>MATH 2219</td>
<td>MATH 265</td>
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<tr>
<td>MATH 2222 or MATH 2223 ²</td>
<td>MATH 266</td>
</tr>
<tr>
<td>CHEM 1061</td>
<td>CHEM 121/L</td>
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<tr>
<td>PHYS 1081</td>
<td>PHYS 251/L</td>
</tr>
<tr>
<td>PHYS 1082</td>
<td>PHYS 252/L</td>
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¹ Acceptable substitution for this major only  
² Students can take IHCC – MATH 2223 to meet both NDSU MATH 129 & MATH 266