# Telecommunications Technology (A.A.S. Degree)

2009 - 2011 Catalog  
Major Code: 041

## REMEDIAL SEQUENCE (if Required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESL 02</td>
<td>6</td>
<td></td>
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<tr>
<td>ENG 01</td>
<td>4</td>
<td></td>
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<tr>
<td>RDL 01</td>
<td>5</td>
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<tr>
<td>MTH 01</td>
<td>4</td>
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</tbody>
</table>

## GRADUATION REQUIREMENTS

- ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.
- HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.
- Instead of MTH 13, MTH 14, and MTH 15, students planning to transfer to a four-year college should take MTH 30, MTH 31, and MTH 32.
- Students planning to transfer to a four-year college should take PHY 31 & 32 instead of PHY 21 & 22.

## FRESHMAN REQUIREMENT

- OCD 01

### CORE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 10</td>
<td>Fundamentals of Composition and Rhetoric OR</td>
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</tr>
<tr>
<td>ENG 11</td>
<td>Composition and Rhetoric I</td>
<td>3</td>
</tr>
<tr>
<td>CMS 11</td>
<td>Fundamentals of Interpersonal Communication</td>
<td>3</td>
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<tr>
<td>HIS 10</td>
<td>History of the Modern World OR</td>
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<tr>
<td>HIS 11</td>
<td>Introduction to the Modern World</td>
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<tr>
<td>MTH 13</td>
<td>Trigonometry &amp; College Algebra</td>
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<tr>
<td>PEA</td>
<td>Physical Education activity course</td>
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**Subtotal:** 13

### REQUIRED AREAS OF STUDY

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 23</td>
<td>Scientific &amp; Technical Writing</td>
<td>3</td>
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<tr>
<td>MTH 14</td>
<td>College Algebra and Introduction to Calculus</td>
<td>3</td>
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<tr>
<td>MTH 15</td>
<td>Calculus</td>
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<tr>
<td>PHY 21</td>
<td>Physics for Engineering Technology I</td>
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<tr>
<td>PHY 22</td>
<td>Physics for Engineering Technology II</td>
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<tr>
<td>MUS 10</td>
<td>Music Survey OR</td>
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<tr>
<td>ART 10</td>
<td>Art Survey</td>
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**Subtotal:** 18

### SPECIALIZATION REQUIREMENTS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ELC 11</td>
<td>D.C. Circuit Analysis</td>
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<td>ELC 15</td>
<td>Computer Applications in Technology</td>
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<td>ELC 21</td>
<td>A.C. Circuit Analysis</td>
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<td>ELC 25</td>
<td>Electronics I</td>
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<td>ELC 96</td>
<td>Digital Systems I</td>
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<tr>
<td>TEC 11</td>
<td>Voice Communications</td>
<td>4</td>
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<tr>
<td>TEC 21</td>
<td>Data Communications</td>
<td>4</td>
</tr>
<tr>
<td>TEC 31</td>
<td>Local Area Networks</td>
<td>4</td>
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<tr>
<td>TEC 41</td>
<td>Advanced Topics in Telecommunications</td>
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**Subtotal:** 34

**Total credits:** 65

Form Updated: 10/09