# BACHELOR OF SCIENCE - INDUSTRIAL TECHNOLOGY

## INFORMATION NETWORKING AND TELECOMMUNICATIONS COMPREHENSIVE

### FRESHMAN

<table>
<thead>
<tr>
<th>Fall 1</th>
<th>Spring 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 110 Introduction to Technology</td>
<td>ITEC 130 Technology Today</td>
</tr>
<tr>
<td>ITEC 120 Engineering Design Graphics</td>
<td><strong>Elective Unrestricted</strong></td>
</tr>
<tr>
<td>ITEC 150GS Internetworking Literacy GS</td>
<td><strong>Fndn Core-Math</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required</th>
<th>MATH 102</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits</td>
<td>3</td>
</tr>
</tbody>
</table>

**Portal Course**

**ITEC 188** (or any portal elective) (If ACT ≥ 29 take ENG 102)

**Distribution:**

- Natural Sciences: Take 2 courses from either CHEM, GEOG, and/or PHYS (2 disciplines)
- Social Sciences: Recommended: ITEC 210GS
- Humanities: Select an Elective

### SOPHOMORE

<table>
<thead>
<tr>
<th>Fall 2</th>
<th>Spring 2</th>
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</thead>
<tbody>
<tr>
<td>ITEC 308 Industrial Management</td>
<td>ITEC 408 Leadership in Bus and Tech</td>
</tr>
<tr>
<td><strong>ITEC 335 Network Architecture and Telecom I</strong></td>
<td><strong>ITEC 345 Network Architecture and Telecom II</strong></td>
</tr>
<tr>
<td><strong>ITEC 220 Electricity/ Electronics</strong></td>
<td><strong>ITEC 320 Applied Electronics</strong></td>
</tr>
<tr>
<td>ITEC 290GS</td>
<td><strong>Support Track Requirement</strong></td>
</tr>
</tbody>
</table>

**Fndn Core-Math**

- MATH 102 (Credits: 3)

**Written Comm.**

- ENG 101 (If ACT ≥ 29 take ENG 102)
- ENG 102

**Distribution:**

- Humanities: Select an Elective
- Social Sciences: Recommended: ITEC 210GS
- Oral Comm.: ITEC 290GS

**Take 1 course from:**

- ITEC 150GS
- MATH 103
- ITEC 330

**U** = Course offered in Summer semester

### JUNIOR

<table>
<thead>
<tr>
<th>Fall 3</th>
<th>Spring 3</th>
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</thead>
<tbody>
<tr>
<td>ITEC 475 Internship</td>
<td><strong>ITEC 330 Info Networking Preceptorial</strong></td>
</tr>
<tr>
<td><strong>ITEC 335 Network Architecture and Telecom II</strong></td>
<td><strong>ITEC 475 Internship</strong></td>
</tr>
<tr>
<td><strong>ITEC 330 Info Networking Preceptorial</strong></td>
<td><strong>ITEC 485 Internetworking</strong></td>
</tr>
</tbody>
</table>

**Fndn Core-Math**

- MATH 102 (Credits: 3)

**Written Comm.**

- ENG 101 (If ACT ≥ 29 take ENG 102)
- ENG 102

**Distribution:**

- Humanities: Select an Elective
- Social Sciences: Recommended: ITEC 210GS
- Oral Comm.: ITEC 290GS

**Take 2 courses from either:**

- ECON 100, 270, 271

**Take 1 course from track:**

- Electricity/Electronics

**Take 1 course from:**

- ITEC 110
- ITEC 120
- ITEC 130
- ITEC 150GS
- ITEC 210GS
- ITEC 220
- ITEC 290GS
- ITEC 308
- ITEC 320
- ITEC 330
- ITEC 335
- ITEC 345
- ITEC 390
- ITEC 408
- ITEC 430
- ITEC 435
- ITEC 475
- ITEC 485

### SENIOR

<table>
<thead>
<tr>
<th>Fall 4</th>
<th>Spring 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ITEC 390 Info Networking</strong></td>
<td><strong>ITEC 485 Info Networking</strong></td>
</tr>
<tr>
<td><strong>ITEC 435 Internetworking</strong></td>
<td><strong>ITEC 475 Internetworking Design</strong></td>
</tr>
<tr>
<td><strong>ITEC 430 Internetworking</strong></td>
<td><strong>ITEC 435 Global Internetworking</strong></td>
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</table>

**Distribution:**

- Information Networking & Telecommunications Minor

**Select an Elective**

- Capstone

### GENERAL STUDIES (45 HOURS)

**Fndn Core-Math**

- MATH 102 (Credits: 3)

**Written Comm.**

- ENG 101 (If ACT ≥ 29 take ENG 102)
- ENG 102

**Distribution:**

- Natural Sciences: Select an Elective
- Social Sciences: Recommended: ITEC 210GS
- Humanities: Select an Elective

**Take 1 course from:**

- ITEC 150GS
- MATH 103
- ITEC 330

**U** = Course offered in Summer semester

### 2014-2015 Catalog

Selected courses are offered during the Summer Session. In order to reduce your load during the school year we recommend that you take a course each summer. This will allow time during your senior year for interviewing. It is recommended you take ITEC 475, Internship, during the summer after your junior year. It can also be taken upon completion of all your course work.

**KEY:**

- **Suggested sequence**
- **Mandatory sequence**
- **Credits**

F = Course offered in Fall semester

S = Course offered in Spring semester

U = Course offered in Summer semester

Total Credit Hours= 117