# INDUSTRIAL TECHNOLOGY CONCENTRATION

The Industrial Technology Concentration offers students a broad education in business and technology management that makes them versatile contributors in a wide variety of industries. Students develop knowledge and skills in operations, supply chain, quality assurance, planning, materials, automation, technology commercialization, and project management. In their selection of approved electives students can specialize or further broaden their education with courses in value chain management, facilities management, lean six sigma, packaging, accounting, business, new technology commercialization, and entrepreneurship.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITP 260</td>
<td>Manufacturing Processes and Materials</td>
<td>4</td>
</tr>
<tr>
<td>ITP 390</td>
<td>Industrial Automation</td>
<td>4</td>
</tr>
<tr>
<td>ITP 403</td>
<td>Lean and Quality Systems Management</td>
<td>4</td>
</tr>
<tr>
<td>ITP 410</td>
<td>Operations Planning and Control</td>
<td>4</td>
</tr>
<tr>
<td>ITP 428</td>
<td>Commercialization of New Technologies</td>
<td>4</td>
</tr>
<tr>
<td>ITP 467</td>
<td>Applied Business Operations</td>
<td>4</td>
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</tbody>
</table>

**Approved Electives**

Select from the following: 16 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 215</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>BUS 304</td>
<td>International Supply Chains</td>
</tr>
<tr>
<td>BUS 310</td>
<td>Introduction to Entrepreneurship</td>
</tr>
<tr>
<td>BUS 313</td>
<td>Customer Development</td>
</tr>
<tr>
<td>or BUS 418</td>
<td>Listening to the Customer</td>
</tr>
<tr>
<td>BUS 384</td>
<td>Human Resources Management</td>
</tr>
<tr>
<td>BUS 387</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>BUS 389</td>
<td>Introduction to Business Negotiation</td>
</tr>
<tr>
<td>or BUS 489</td>
<td>Negotiation</td>
</tr>
<tr>
<td>ITP 234</td>
<td>Packaging Design Fundamentals</td>
</tr>
<tr>
<td>ITP 275</td>
<td>Industrial Facility Systems and Equipment</td>
</tr>
<tr>
<td>ITP 302</td>
<td>Developing and Presenting New Enterprise Strategies</td>
</tr>
<tr>
<td>ITP 400</td>
<td>Special Problems for Advanced Undergraduates</td>
</tr>
<tr>
<td>ITP 408</td>
<td>Paper and Paperboard Packaging</td>
</tr>
<tr>
<td>ITP 412</td>
<td>Instrumental Analysis of Packaging Polymers</td>
</tr>
<tr>
<td>ITP 413</td>
<td>Packaging Quality Assessment</td>
</tr>
<tr>
<td>ITP 414</td>
<td>Packaging Laws &amp; Regulations</td>
</tr>
<tr>
<td>ITP 419</td>
<td>Cooperative Education/Internship</td>
</tr>
<tr>
<td>ITP 430</td>
<td>Healthcare Packaging</td>
</tr>
<tr>
<td>ITP 475</td>
<td>Packaging Performance Testing</td>
</tr>
<tr>
<td>ITP 485</td>
<td>Packaging Development</td>
</tr>
</tbody>
</table>

Total units 40

1 Consultation with an advisor is recommended prior to selecting approved electives; note your selections may impact pursuit of post-baccalaureate studies and/or goals.