INDUSTRIAL TECHNOLOGY, BACHELOR OF SCIENCE

Offered by Department of Industrial Technology (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/departments-programs/industrial-technology)

All College of Business and Technology Graduation Requirements (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/departments-programs/industrial-technology) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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**General Studies**

Foundational Core (Written, Math, Oral, Democracy)

Foundational Core courses (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses) 12

Including:

- MATH 102 College Algebra 1

Portal

Select one course numbered 188 (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/portal-course) 3

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

Aesthetics (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/aesthetics) 3

Humanities (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/humanities) 6

Social Sciences (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/social-sciences) 6

Natural Sciences (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/natural-sciences) 7

Analytical and Quantitative Thought (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought) 0

Wellness (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/wellness) 0

Needed to reach 27 credit hour minimum in Distribution 2

Capstone

Select one course numbered 388 (http://catalog.unk.edu/catalog-archive/2018-2019/undergraduate/general-studies/general-studies-courses/capstone-course) 3

BS Science-related course requirements

MATH 103 Plane Trigonometry 3

or MATH 123 Applied Calculus I

**Major Option**

Complete all required courses 34

Minor or 2nd Major

Complete all required courses 3

Unrestricted electives

Needed to reach 120 credit hour minimum 14

Total Credit Hours 120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

**Industrial Technology Requirements**

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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>ITEC 110</td>
<td>Introduction to Technology</td>
<td>1</td>
</tr>
<tr>
<td>ITEC 120</td>
<td>Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 130</td>
<td>Technology Today</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 408</td>
<td>Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Occupation Safety/Health</td>
<td>3</td>
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**Technology Core Requirements**

Select 18 credit hours of the following: 18

- ITEC 150 Internetworking Literacy
- ITEC 205 Virtual Design & Construction
- ITEC 220 Electricity/Electronics
- ITEC 230 Statics and Strength of Materials
- ITEC 240 Construction Materials & Methods
- ITEC 251 Machine Tool Products and Applications
- ITEC 271 Industrial Products & Applications I
- ITEC 272 Industrial Products & Applications II
- ITEC 290 Communicating Through Technology
- ITEC 341 Mechanical and Electrical Systems
- ITEC 360 Building Codes and Inspections
- ITEC 451 Manufacturing/Distribution Relationships
- ITEC 453 Purchasing for Wholesale Distribution

Total Credit Hours 34

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.
2. Recommended: ITEC 210
3. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.