INDUSTRIAL TECHNOLOGY, BACHELOR OF SCIENCE

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

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

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<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/undergraduate/general-studies/general-studies-courses) 12

Including:

- MATH 102 College Algebra 1

Portal

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

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

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

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

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

Wellness (http://catalog.unk.edu/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/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 24

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.

Major Option

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Industrial Technology Requirements

ITEC 110 Introduction to Technology 1

ITEC 120 Interpretation of Technical Documents 3

ITEC 130 Technology Today 3

ITEC 308 Industrial Management 3

ITEC 408 Leadership in Business and Technology 3

SFED 435 Occupation Safety/Health 3

Technology Core Requirements

Select 18 credit hours of the following: 18

ITEC 150

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.