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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**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 3 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 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.