

# INDUSTRIAL TECHNOLOGY, BACHELOR OF SCIENCE

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

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

Code	Title	Credit Hours
<b>General Education</b>		
<i>Foundational Requirements (LOPERs 1-4)</i>		12
Including		
LOPER 3: Oral Communication Skills		
ITEC 290	Communicating Through Technology	
LOPER 4: Mathematics, Statistics and Quantitative Reasoning		
MATH 102	College Algebra <sup>1</sup>	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		12
<i>Dispositional Requirements (LOPERs 9-10)</i> <sup>2</sup>		6
<i>Wellness (LOPER 11) Optional</i>		0
<b>BS Science-related course requirements</b>		
MATH 103	Plane Trigonometry	3
or MATH 123	Applied Calculus I	
<b>Major Option</b>		
Complete all required courses		34
<b>Minor or 2nd Major</b>		
Complete all required courses <sup>3</sup>		24
<b>Unrestricted electives</b>		
Needed to reach 120 credit hour minimum		29
<b>Total Credit Hours</b>		120

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

## Major Option

Code	Title	Credit Hours
<b>Industrial Technology Requirements</b>		
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
<b>Technology Core Requirements</b>		
Select 18 credit hours of the following:		18
CYBR 140	The Internet Explained	
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 341	Mechanical and Electrical Systems	
ITEC 360	Building Codes and Inspections	
ITEC 451	Manufacturing/Distribution Relationships	
ITEC 453	Purchasing for Wholesale Distribution	
<b>Total Credit Hours</b>		34

1

Students with sufficient preparation may enter the mathematics program at a higher level. Students are required to take a LOPERs 4: Mathematics, Statistical, and Quantitative Reasoning course regardless of entry level.

2

Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required General Education hours.

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.