

Industrial Technology – Manufacturing Option								
OUTCOMES								
<i>Core courses (8)</i>	TEC-101	TEC-201	TEC-311	TEC-312	TEC-313	TEC-314	TEC-402	TEC-403
1. Demonstrating competence in written and/or oral communication.	2	2	3	2	2	2	2	3
2. Demonstrate knowledge of how to apply technological methods to the solution of manufacturing and service-related problems.	1	2	2	2	3	2	2	2
3. Demonstrate application of knowledge in mathematics (pre-calculus), and/or inorganic chemistry (lab-based), and/or physics.	1	2	3	2	3	3	2	2
4. Demonstrate knowledge of how to apply principles of industrial technology management (e.g.: supervision; production planning; quality control; safety) to the solution of technology-based problems.	N/A	2	3	N/A	2	2	2	N/A

KEY:
(1) = Introduced
(2) = Reinforced
(3) = Mastery Demonstrated

5. Demonstrate knowledge of science, testing, and processing of materials.	N/A	2	3	N/A	2	2	2	N/A
6. Demonstrate knowledge and application of technical drawing and production principles.	3	2	1	1	2	1	1	2
7. Demonstrate preparation for a career in Industrial Technology or graduate study.	1	1	1	2	2	1	3	3

Manufacturing Option Courses

OUTCOMES	TEC-302	BUS-320	TEC-351	TEC-404W W	TEC-405W W	TEC-465
<i>Manufacturing Option courses (6)</i>						
1. Demonstrating competence in written and/or oral communication.	2	1	2	3	3	2
2. Demonstrate knowledge of how to apply technological methods to the solution of manufacturing and service-related problems.	2	N/A	2	2	3	2

3. Demonstrate application of knowledge in mathematics (pre-calculus), and/or inorganic chemistry (lab-based), and/or physics.	2	N/A	3	1	3	1
4. Demonstrate knowledge of how to apply principles of industrial technology management (e.g.: supervision; production planning; quality control; safety) to the solution of technology-based problems.	2	1	1	3	3	3
5. Demonstrate knowledge of science, testing, and processing of materials.	2	N/A	2	N/A	3	1
6. Demonstrate knowledge and application of technical drawing and production principles.	3	N/A	1	N/A	3	N/A
7. Demonstrate preparation for a career in Industrial Technology or graduate study.	2	3	1	3	3	2

KEY:
(1) = Introduced
(2) = Reinforced
(3) = Mastery
Demonstrated (W) =
Writing Intensive