

MSIT Curriculum Map				
OUTCOMES				
<i>Core courses (4)</i>	INT-601	INT-602	INT-659	INT-689
1. Demonstrating competence in written and/or oral communication.	2	2	2	3
2. Demonstrate knowledge of how to apply analytical methods to the solution of manufacturing and service-related problems.	3	3	3	3
3. Demonstrate knowledge of research methods and their application to the structuring of complex investigations.	1	1	2	3
4. Demonstrate knowledge of how to apply principles of industrial technology management (e.g.: engineering economics; production operations management; project planning; quality; automation; plant layout; marketing) to the solution of technology-based problems.	3	3	3	3
5. Demonstrate knowledge of lean production methods.	3	3	3	1

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

6. Demonstrate knowledge and application of quality control.	2	2	2	2
7. Demonstrate preparation for a career in management of the advanced technology enterprise.	3	3	3	3

Electives within the Dept.

OUTCOMES <i>Dept. elective courses (select 4 - 6)</i>	INT-610	INT-611	INT-612	INT-630	INT-661	INT-662	INT-670	INT-675
1. Demonstrating competence in written and/or oral communication.	3	2	2	2	2	2	2	2
2. Demonstrate knowledge of how to apply analytical methods to the solution of manufacturing and service-related problems.	2	3	2	3	3	3	3	3
3. Demonstrate knowledge of research methods and their application to the structuring of complex investigations.	1	1	2	1	2	1	1	1

4. Demonstrate knowledge of how to apply principles of industrial technology management (e.g.: engineering economics; production operations management; project planning; quality; automation; plant layout; marketing) to the solution of technology-based problems.	3	3	3	3	1	2	2	2
5. Demonstrate knowledge of lean production methods.	N/A	3	2	2	1	2	3	3
6. Demonstrate knowledge and application of quality control.	N/A	1	3	2	2	2	1	1
7. Demonstrate preparation for a career in management of the advanced technology enterprise.	3	3	3	3	3	3	3	3

KEY:
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Project/Thesis courses

OUTCOMES	INT-690 3 cr.hrs.	INT-695 6 cr. hrs.
<i>Culminating Project or Thesis</i>		
1. Demonstrating competence in written and/or oral communication.	3	3

2. Demonstrate knowledge of how to apply analytical methods to the solution of manufacturing and service-related problems.	3	3
3. Demonstrate knowledge of research methods and their application to the structuring of complex investigations.	3	3
4. Demonstrate knowledge of how to apply principles of industrial technology management (e.g.: engineering economics; production operations management; project planning; quality; automation; plant layout; marketing) to the solution of technology-based problems.	3	3
5. Demonstrate knowledge of lean production methods.	N/A	N/A
6. Demonstrate knowledge and application of quality control.	N/A	N/A
7. Demonstrate preparation for a career in management of the advanced technology enterprise.	3	3

<p>KEY: (1) = Introduced (2) = Reinforced (3) = Mastery Demonstrated</p>
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