

**ACADEMIC ROADMAP**  
**Bachelor of Science: SP 2017**  
**Industrial Technology (Quality Option)**

**Freshman Year**

<b>FIRST SEMESTER</b>				<b>SECOND SEMESTER</b>			
<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>	<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>
Intellectual Foundations Elective				Intellectual Foundations Elective			
Core Math	MAT-114	X		Core Chemistry	CHE-101	X	
Foreign Language		X		Foreign Language		X	
Technical Drawing	TEC-101	X		Manufacturing Materials	TEC-201	X	
CWP 101	CWP 101	X		CWP 102	CWP 102	X	

**Sophomore Year**

<b>THIRD SEMESTER</b>				<b>FOURTH SEMESTER</b>			
<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>	<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>
Advanced Algebra and Trigonometry	MAT-124	X		General Physics I	PHY-107	X	
Materials Science and Testing	TEC-311	X		Probability and Statistics	MAT-311	X	
Intellectual Foundations Elective				Intellectual Foundations Elective			
All College Elective				All College Elective			
All College Elective				All College Elective			

**Junior Year**

<b>FIFTH SEMESTER</b>				<b>SIXTH SEMESTER</b>			
<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>	<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>
Electromechanics	TEC-314	X		Materials Management	TEC-312	X	
Group Communications	SPC-307	X		Statistical Quality Control	TEC-313	X	
Intellectual Foundations Elective				Total Quality Management	TEC-200W	X	
Intellectual Foundations Elective				Intellectual Foundations Elective			
All College Elective				All College Elective			

**Senior Year**

<b>SEVENTH SEMESTER</b>				<b>EIGHTH SEMESTER</b>			
<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>	<b>Course Title</b>	<b>Catalog Number</b>	<b>REQ</b>	<b>Sequence</b>
Ergonomics	TEC-402	X		Qual Impr. Design of Experiements	TEC-323	X	
Measurement Systems	TEC-321	X		Quality Internship	TEC-488W	X	
Systems Analysis	TEC-403	X		Intellectual Foundations Elective			
Intellectual Foundations Elective				All College Elective			
All College Elective				All College Elective			