

**ACADEMIC ROADMAP**  
**Bachelor of Science: SP 2017**  
[Industrial Technology \(Quality Option\)](#)

**Freshman Year**

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

**Sophomore Year**

<b>THIRD SEMESTER</b>				<b>FOURTH SEMESTER</b>			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
Advanced Algebra and Trigonometry	TEC-124	X		General Physics I	<a href="#">PHY-107</a>	X	
Materials Science and Testing	<a href="#">TEC-311</a>	X		Probability and Statistics	<a href="#">MAT-311</a>	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>			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
Electromechanics	<a href="#">TEC-314</a>	X		Materials Management	<a href="#">TEC-312</a>	X	
Group Communications	<a href="#">SPC-307</a>	X		Statistical Quality Control	<a href="#">TEC-313</a>	X	
Intellectual Foundations Elective				Total Quality Management	<a href="#">TEC-200W</a>	X	
Intellectual Foundations Elective				Intellectual Foundations Elective			
All College Elective				All College Elective			

**Senior Year**

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