

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

Freshman Year

FIRST SEMESTER				SECOND SEMESTER			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
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

THIRD SEMESTER				FOURTH SEMESTER			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
Advanced Algebra and Trigonometry	TEC-124	X		General Physics I	PHY-107	X	
Materials Science and Testing	TEC-311	X		CAD/CAM	TEC-302	X	
Intellectual Foundations Elective				Intellectual Foundations Elective			
All College Elective				All College Elective			
All College Elective				All College Elective			

Junior Year

FIFTH SEMESTER				SIXTH SEMESTER			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
Electromechanics	TEC-314	X		Materials Management	TEC-312	X	
Industrial Systems Applications	TEC-404W	X		Statistical Quality Control	TEC-313	X	
Intellectual Foundations Elective				Marketing	TEC-400 /BUS320	X	
Intellectual Foundations Elective				Intellectual Foundations Elective			
All College Elective				All College Elective			

Senior Year

SEVENTH SEMESTER				EIGHTH SEMESTER			
Course Title	Catalog Number	REQ	Sequence	Course Title	Catalog Number	REQ	Sequence
Ergonomics	TEC-402	X		Systems Analysis	TEC-403	X	
Energy Systems	TEC-351	X		Manufacturing Technology	TEC-405W	X	
Safety Management	TEC-465	X		Intellectual Foundations Elective			
Intellectual Foundations Elective				All College Elective			
All College Elective				All College Elective			