

ACADEMIC ROADMAP
Industrial Technology – Quality Option - 2017

Freshman Year

FIRST SEMESTER		
Course Title	Catalog Number	
Core Chemistry	CHE 101	
Technical Drawing	TEC 101	
Foreign Language		
Intellectual Foundations Elective		
College Writing I	CWP 101	

SECOND SEMESTER		
Course Title	Catalog Number	
Core Math	MAT 114	
Manufacturing Materials	TEC 201	
Foreign Language		
Intellectual Foundations Elective		
College Writing II	CWP 102	

Notes:

Sophomore Year

THIRD SEMESTER		
Course Title	Catalog Number	
Advanced Algebra and Trigonometry	MAT 124	
Materials Science and Testing	TEC 311	
Intellectual Foundations Elective		
All College Elective		
All College Elective		

FOURTH SEMESTER		
Course Title	Catalog Number	
General Physics I	PHY 107	
Probability and Statistics	MAT 311	
Intellectual Foundations Elective		
All College Elective		
All College Elective		

Notes:

Junior Year

FIFTH SEMESTER		
Course Title	Catalog Number	
Materials Management	TEC 312	
Group Communications	SPC 307	
Intellectual Foundations Elective		
Intellectual Foundations Elective		
All College Elective		

SIXTH SEMESTER		
Course Title	Catalog Number	
Electromechanics	TEC 314	
Statistical Quality Control	TEC 313	
Total Quality Control	TEC 200W	
Intellectual Foundations Elective		
All College Elective		

Notes:

Senior Year

SEVENTH SEMESTER		
Course Title	Catalog Number	
Ergonomics	TEC 402	
Measurement Systems	TEC 321	
Systems Analysis	TEC 403	
Intellectual Foundations Elective		
All College Elective		

EIGHTH SEMESTER		
Course Title	Catalog Number	
Quality Improvement Through Design of Experiments	TEC 323	
Quality Internship	TEC 488W	
Intellectual Foundations Elective		
College Elective		
College Elective		

Notes: