

ACADEMIC ROADMAP

BS Industrial Technology – Quality Option - 2024

Freshman Year

FIRST SEMESTER		
Course Title	Catalog Number	Status
Core Chemistry w/ lab	CHE-111+CHE-113	
Technical Drawing	TEC-101	
General Ed. Elective		
General Ed. Elective		
College Writing I	CWP-101	

SECOND SEMESTER		
Course Title	Catalog Number	Status
Functions & Modeling	MAT-114	
Manufacturing Materials	TEC-201	
Foreign Language I		
General Ed. Elective		
College Writing II	CWP-102	

Sophomore Year

THIRD SEMESTER		
Course Title	Catalog Number	Status
Functions & Model II	MAT-124	
Matls. Science & Testing	TEC-311	
Foreign Language II		
General Ed. Elective		
All College elective		

FOURTH SEMESTER		
Course Title	Catalog Number	Status
General Physics I	PHY-107	
Probability & Statistics	MAT-311	
General Ed. Elective		
General Ed. Elective		
All College elective		

Junior Year

FIFTH SEMESTER		
Course Title	Catalog Number	Status
Circuits & Devices	ENT-331/TEC-314	
Group Communications	SPC-307	
Statistical Quality Contr	TEC-313	
General Ed. Elective		
All College elective		

SIXTH SEMESTER		
Course Title	Catalog Number	Status
Total Quality Mgmt	TEC-200	
Supply Chain mgmt.	BUS-364	
Total Quality Mgmt.		
General Ed. Elective		
All College elective		

Senior Year

SEVENTH SEMESTER		
Course Title	Catalog Number	Status
Ergonomics	TEC-402	
Measurement Systems	TEC-321	
General Ed. Elective		
General Ed. Elective		
All College elective		

EIGHTH SEMESTER		
Course Title	Catalog Number	Status
Design of Experiments	TEC-323	
Internship	TEC-488	
Systems Analysis	TEC-403	
General Ed. Elective		
All College elective		