

## ACADEMIC ROADMAP

### BS Industrial Technology – Manufacturing Option - 2024

#### **Freshman Year**

FIRST SEMESTER		
Course Title	Catalog Number	Status
Core Chemistry + 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
Core Math	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
Advanced Algebra & Trig	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	
CAD-CAM	TEC-302	
General Ed. Elective		
General Ed. Elective		
All College elective		

#### **Junior Year**

FIFTH SEMESTER		
Course Title	Catalog Number	Status
Circuits & Devices	ENT-331/TEC-314	
Principles of Mgmt.	BUS-360	
Statistical Quality Contr	TEC-313	
General Ed. Elective		
All College elective		

SIXTH SEMESTER		
Course Title	Catalog Number	Status
Marketing	BUS-320/TEC-400	
Supply Chain Mgmt.	BUS-364/TEC-312	
Safety Management	TEC-465	
General Ed. Elective		
All College elective		

#### **Senior Year**

SEVENTH SEMESTER		
Course Title	Catalog Number	Status
Energy Systems	TEC-351	
Ergonomics	TEC-402	
General Ed. Elective		
General Ed. Elective		
All College elective		

EIGHTH SEMESTER		
Course Title	Catalog Number	Status
Systems Analysis	TEC-403	
Manufacturing Technol.	TEC-405	
General Ed. Elective		
General Ed. Elective		
All College elective		