

# Bachelor of Science in Industrial Technology

Recommended 4-Year Course Sequence  
2020-2021 Catalog

## FRESHMAN YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
ENGL 1301	College Composition I		3	ENGL 2311	Technical and Business Writing		3
HIST 1301	United States History I		3	HIST 1302	United States History II		3
TECH 1320	Industrial Materials		3	COSC 1307	Introduction to Information Systems Software		3
	Life and Physical Science Course		3		Human Expression		3
	Creative Arts		3		Life and Physical Sciences Course		3
			15				15

## SOPHOMORE YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
POLS 2305	Introductory American Government		3	TECH 1303	Engineering Graphics		3
MATH 1342	Statistics		3	POLS 2306	Introductory Texas Politics		3
TECH 2311	Electrical and Fluid Systems		3	TECH 2319	Programmable Logic Controllers		3
	Language, Philosophy and Culture		3		STEM - see University Core for approved courses		3
	Social and Behavioral Science		3		Upper/Lower Division Elective		3
			15				15

## JUNIOR YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
FINA 3315	Personal Finance		3	TECH 3324	Plant Layout and Facilities Planning		3
TECH 3333	Polymer Processing		3	TECH 3344	Industrial Safety		3
TECH 3355	Supply Chain Management		3	MARK 3311	Principles of Marketing		3
TECH 3311	Manufacturing Processes		3	TECH 3310	Total Quality Management		3
ACCT/FINA 3300	Accounting and Finance for Small Bus & Entre.		3		or		
				TECH 3320	Lean Six Sigma Green Belt Techniques		
					Upper Division COB Elective - For Minor		3
			15				15

## SENIOR YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
MANA 3305	Operations Management		3	TECH 4323	Lean Production		3
TECH 4317	Computer Integrated Manufacturing		3	TECH 4343	Advanced Manufacturing Processes		3
TECH 3311	Manufacturing Processes		3	TECH 4372	Capstone Experience		3
TECH 3331	Project Management		3		or		
TECH 3312	Facilities Operations and Maintenance		3	TECH 4370	Internship in Technology		
					Upper-Division Technology Elective		3
					Upper/Lower Division Elective		3
			15				15

Total Credit Hours 120