



# Bachelor of Science in Industrial Technology

Minor in Business Administration

Recommended 4-Year Course Sequence

2024-2025 Catalog



**UT Tyler**  
THE UNIVERSITY OF TEXAS AT TYLER

## FRESHMAN YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
ENGL 1301		Composition I	3	DFTG 1409		Engineering Graphics	4
MATH 1342		Elementary Statistical Methods	3	ENGL 1302		Composition II	3
HIST 1301		United States History I	3	HIST 1302		United States History II	3
		Life and Physical Science Course	4			Life and Physical Science Course	4
EDUC 1300		*Learning Framework	0			Human Expression	3
13				17			

## SOPHOMORE YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
BCIS 1405		*Business Computer Applications	3			Creative Arts Course	3
		Language, Philosophy, and Culture Course	3	ECON 2302		Principles of Microeconomics	3
ECON 2301		Principles of Macroeconomics	3	GOVT 2306		Texas Government	3
GOVT 2305		Federal Government	3	HYDR 1345		Hydraulics and Pneumatics	3
MCHN 1319		Industrial Materials	3	ELPT 2319		Programmable Logic Controllers	3
15				15			

## JUNIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
		General Elective	3		MANA 3305	Operations Management	3
	TECH 3311	Manufacturing Processes	3		THEC 3310 or TECH 3310	Total Quality Mgmt or Lean Six Sigma Green Belt T	3
	TECH 3312	Facilities Operations and Maintenance	3		ACCT 3300	ACCT and FINA for Small Business and Entp	3
	TECH 3344	Industrial Safety	3		TECH 4323	Lean Production	3
	TECH 3324	Plant Layout and Facilities Operations	3				
15				12			

## SUMMER

Summer I				Summer II			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	TECH 4343	Advanced Manufacturing Process	3				
			3				

## SENIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
		General Elective	3		TECH 3333	Polymer Processing	3
		UD TECH Elective	3		TECH 4372 or TECH 4372	Capstone Experience or Internship (Requires Dept	3
	TECH 3331	Project Management	3		TECH 4317	Computer Integrated Manufacturing	3
	TECH 3355	Supply Chain Management	3		FINA 3315	Personal Finance	3
	MARK 3311	Principles of Marketing	3			UD Soules Elective	3
15				15			

Total Credit Hours at Tyler Junior College

60

Total Credit Hours at UT Tyler

60

Total Credit Hours

120

\*Denotes a course that will not be part of the pathway agreement and will not contribute to the hour count for UT Tyler

\*BCIS 1405- is equivalent to COSC 1307 at UT Tyler, therefore 3 hours are transferrable