



Bachelor of Science in Industrial Technology
 Recommended 4-Year Course Sequence
 2018-2019 Catalog



FRESHMAN YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
ENGL 1301		Composition I	3	BCIS 1405	COSC 1307*	Business Computer Applications	4
MATH 1314		College Algebra	3	ENGL 1302		Composition I	3
HIST 1301		United States History I	3	HIST 1302		United States History II	3
		Life and Physical Science Course	4	MATH 1342		Elementary Statistical Methods	3
EDUC 1300		Learning Framework	3	DFTG 1409	TECH 1303*	Engineering Graphics	3
			16				16

SOPHOMORE YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
SPCH 1315/1321		Public Speaking OR Business & Prof Communication	3	ACCT 2302		Principles of Managerial Accounting	3
ACCT 2301		Principles of Financial Accounting	3	ECON 2302		Principles of Microeconomics	3
ECON 2301		Principles of Macroeconomics	3	GOVT 2306		Texas Government	3
GOVT 2305		Federal Government	3	HYDR1345&ELPT1311	TECH 2311*	Electrical and Fluid Systems	3
MCHN 1319	TECH 1320*	Industrial Materials	3	ELPT 2319	TECH 2319*	Programmable Logic Controllers	3
			15				15

JUNIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
		Language, Philosophy, and Culture Course	3		TECH 3311	Manufacturing Processes	3
		Creative Arts Course	3		TECH 3324	Plant Layout and Facilities Planning	3
	MARK 3311	Principles of Marketing	3		FINA 3311	Principles of Finance	3
	TECH 3355	Supply Chain Management	3		TECH 3333	Polymer Processing	3
		Lower or Upper-Division Elective I	3			Lower or Upper-Division Elective II	3
			15				15

SENIOR YEAR

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	TECH 3344	Industrial Safety	3		MANA 3305	Operations Management	3
	HRD 4301	Supervision	3		TECH 4372	Capstone Experience	3
	TECH 4323	Lean Production	3		TECH 4317	Computer Integrated Manufacturing	3
	TECH 3310	Total Quality Management	3		TECH 4343	Advanced Manufacturing Processes	3
		Lower or Upper-Division Elective III	3			Lower or Upper-Division Elective IV	3
			15				15

Total Credit Hours at Tyler Junior College	62
Total Credit Hours at UT Tyler	60
Total Credit Hours	122

*Courses listed under both the TJC and UT Tyler categories can be taken at either institution