



**Bachelor of Science in Industrial Technology**  
Surveying and Mapping with a Minor in Business Administration  
Recommended 4-Year Course Sequence



2024-2025 Catalog

**FRESHMAN YEAR**

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
ENGL 1301		Composition I	3	SRVY 1341		Land Surveying	3
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
SRVY 1335		Land Surveying and Applications	4			Life and Physical Science Course	4
EDUC 1300		*Learning Framework	0			Human Expression	3
			13				16

**SOPHOMORE YEAR**

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
SRVY 2309		Computer-Aided Mapping	3	SRVY 2343		Surveying- Legal Principles I	3
SRVY 2305		GIS Applications	3	ECON 2302		Principles of Microeconomics	3
ECON 2301		Principles of Macroeconomics	3	GOVT 2306		Texas Government	3
GOVT 2305		Federal Government	3			Language Philosophy and Culture	3
		Life and Physical Science Course	4	SRVY 2331		Geodetic Surveying and Mapping	3
			16				15

**JUNIOR YEAR**

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
		Creative Arts	3		COSC 1307	Intro to Information Systems Software	3
SRVY 2339		Engineering Design Surveying	3		TECH 3310 or TECH 3320	Total Quality Management or Lean Six Sigma Green Belt Techniques	3
SRVY 2341		ENGRG Design Surveying Lab	3		TECH 3331 or HRD 4301	Project Management or Supervision	3
SRVY 2335		Geodetic Applications	3		TECH 3355	Supply Chain Management	3
SRVY 2344		Surveying- Legal Principles II	3		HRD 4320	Job Analysis Techniques	3
			15				15

**SENIOR YEAR**

Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	TECH 3341	Public Domain Texas	3		TECH 4372	Capstone Experience	3
	TECH 3342	Applications of Photogrammetry	3		ACCT 3300	ACCT and FINA for Small Bus and Entp	3
	TECH 3343	Adv. Technologies for Surveyors	3		MANA 3305	Operations Management	3
	TECH 4341	Legal Principles in Surveying and Mapping	3		MARK 3311	Principles of Marketing	3
	TECH 4342	Applied Geodesy	3		FINA 3315	Personal Finance or Principles of Finance	3
			15				15

Total Credit Hours at Tyler Junior College	75
Total Credit Hours at UT Tyler	45
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