



**Bachelor of Science Industrial Technology  
Surveying & Mapping Emphasis**

Recommended 4-Year Course Sequence

2021-2022 Catalog

First two years (including 30 hrs of Surveying Coursework) must be completed at an external institution

**JUNIOR YEAR**

Fall				Spring			
Community College	UT Tyler	Title	Hours	Community College	UT Tyler	Title	Hours
	FINA 3315	Personal Finance	3		TECH 3310	Total Quality Management	3
	COSC 1307	Intro to Informations Systems Software	3		TECH 4341	Legal Principles in Survey & Mapping	3
	HRD 4320	Job Analysis Techniques	3		TECH 4342	Applied Geodesy	3
	TECH 3341	Public Domain - Texas	3		MANA 3305	Operations Management	3
	TECH 3342	Applications of Photogrammetry	3		MARK 3311	Principles of Marketing	3
			15				15

**SENIOR YEAR**

Fall				Spring			
Community College	UT Tyler	Title	Hours	Community College	UT Tyler	Title	Hours
	TECH 3331	Project Management	3		TECH 4370	Internship (Approved by Department)	3
	TECH 3355	Supply Chain Management	3			or	
	ACCT 3300	ACCT & FINA for Small BUS & ENTP	3		TECH 3320	Lean Six Sigma Green Belt Techniques (Sum Only)	3
		Upper Devision soules Elective	3			Upper/Lower Division Elective	3
						Upper/Lower Division Elective	3
			12				12

Total Credit Taken at Community College 60  
Total Credit Hours at UT Tyler 60  
Total Credit Hours 120

**Program Core**

- SRVY 1335: Land Surveying Applications
- SRVY 1341: Land Surveying
- SRVY 2305: GIS Applications
- SRVY 2309: Computer-Aided Mapping
- SRVY 2331: Geodetic Surveying and Mapping
- SRVY 2335: Geodetic Applications
- SRVY 2339: Engineering Design Surveying
- SRVY 2341: Engineering Design Surveying Lab
- SRVY 2343: Surveying – Legal Principles I
- SRVY 2344: Surveying – Legal Principles II
- Lower Level Electives (9 hrs.)

**UT Tyler**

*\*Required courses*

- Upper Level Surveying Coursework (12 hrs.)
- TECH 3341: Public Domain – Texas
- TECH 3342: Applications of Photogrammetry
- TECH 3343: Advanced Technologies for Surveyors
- TECH 4341: Legal Principles in Surveying & Mapping
- TECH 4342: Applied Geodesy