

## Curriculum Map – BS Industrial Education Occupation-based Career and Technical Education

NOTE: If you are required to complete any developmental courses, you may not be able to complete the degree in four years. This curriculum map assumes that you have not transferred in any previously completed college level courses.

FIRST YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code Credits	
	FYS 101: First Year Seminar	G	3		ITEC 141/141L: DC Circuits	R 3	
	ENG 100: Writing I	G	3		ITCD 103/103L: Computer Aided Design	R 3	
	HUM I	G	3		CTE 207: Foundations of CTE	R 3	
	MATH 152: College Algebra or Higher	R	3		ENG 200: Writing II	G 3	
	IET 110: Fundamentals of Computer Technology	S	3		IET 120: Engineering Technology and Engineering Fundamentals	R 3	
Total Credit Hours			15	Total Credit Hours			15
SECOND YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code Credits	
	ITCM 202/202L: Structural Analysis	R	3		IET 307: Materials Science	RU 3	
	SBS I	G	3		NSC I	PR 4	
	COMS 108: Fundamentals of Speech	G	3		CTE 388: Methods of Curriculum Development	RU 3	
	ITMT 186/186L: Manufacturing and Fabrication	R	3		CTE 185: New Teacher Institute CTE	R 3	
	HUM II	G	3		IET 317: Lean Manufacturing	RU 3	
Total Credit Hours			15	Total Credit Hours			16
THIRD YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code Credits	
	IET 319: Quality Control	PRU	3		IET 419: Total Quality Improvement	PRU 3	
	MATH 353: Statistics	PU	3		IET 422: Industrial Safety Standards	RU 3	
	IET 320: Industrial Project Management	RU	3		CTE 381: Related Science, Math, & Technology in Occupations	RU 6	
	CTE 372: Technical Media Development	RU	3		IET 327: Applied Industrial Management	RU 3	
	NSC II	G	3				
Total Credit Hours			15	Total Credit Hours			15
FOURTH YEAR COURSE SCHEDULE							
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code Credits	
	SBS 2: IET 300: Technology & Society (exchange)	G	3		CTE 383: Knowledge of Related Subjects	RU 6	
	IET 330/330L: Engineering Design	RU	3		CTE 394: Practicum in CTE	RU 8	
	CTE 393: Methods of CTE	RU	3		IET 499C: Senior Project	RU 3	
	CTE 382: Manipulative Skills in Occupations	RU	6		CTE 383: Knowledge of Related Subjects	RU 6	
Total Credit Hours			15	Total Credit Hours			17

### Codes

(P) Pre-Requisite Course(s) must be successfully passed to be eligible to enroll in this course.

(U) Upper Division Course 300-400 level (you must have 42 hours)

(R) Required Course, (E) Elective, (S) Supplemental, or (P) Pre-requisite, (G) General Education Course