

Texas A&M University-Kingsville®

College of Engineering

Bachelor of Science, Industrial Mgmt and Applied Eng Tech

Four-Year Academic Map 2019-2020

YEAR 1	Semester 1 Fall		Semester 2 Spring			
		ENGL 1301 - Rhetoric and Composition		ENGL 1302 - Rhetoric and Composition		
		ITEN 1311 - Technical CAD		HIST 1301 - American History to 1877		
		ITEN 1315 - Intro to Manufacturing Process		Language, Philosophy and Culture		
		UNIV 1201 - Learning in Global Context		MATH 1314, or MATH 1316, or MATH 1324, or MATH 1325		
		MATH 1314, or MATH 1316, or MATH 1324, or MATH 1325		PHYS 1301 & 1101, or PHYS 1375, or PHYS 2325 & PHYS 2125		
	Semester Hours	14	Semester Hours	15-16	Total	29-30

YEAR 2	Semester 1 Fall		Semester 2 Spring			
		HIST 1302 - American History since 1877		ITEN 2301 - Industrial Electronics		
		ISYS 1301 - Personal Computer Applications		ITEN 2320 - Industrial Materials		
		ITEN 2330 - OSHA for General Industry		Pending Class from Austin		
		CHEM 1311 & CHEM 1111 - Gen Inorg Chem I & Gen Lab I		Communications		
		CHEM 1405 - General Introduction to Chemistry		Creative arts		
	Semester Hours	16	Semester Hours	15	Total	31

YEAR 3	Semester 1 Fall		Semester 2 Spring			
		ACCT 2301 - Principles of Accounting I		ITEN 3313 - Energy Systems		
		ECON 2301 - Principles of Macroeconomics		MGMT 3322 - Principles of Management		
		ITEN 3306 - Manufacturing Processes		Elective		
		ITEN 3331 - Construction Technology		Elective		
		POLS 2302 - Government and Politics of TX		ITEN, advanced		
	Semester Hours	15	Semester Hours	15	Total	30

YEAR 4	Semester 1 Fall		Semester 2 Spring			
		ITEN 3323 - Cost Estimating		ITEN 4336 - Industrial Employment Research		
		ITEN 3349 - Lean Production		ITEN 4332 - Hazardous Waste and Fire Safe		
		ITEN 4352 - Quality Assurance		ITEN 4340 - Leadership and Supervision		
		ITEN, advanced		ITEN, advanced or Business, advanced		
		ITEN, advanced or Business, advanced		ITEN, advanced		
	Semester Hours	15	Semester Hours	15	Total	30

*State of Texas Core Curriculum

Students should meet with their academic advisor to formulate their own plan.

