CURRICULUM LEADING TO THE DEGREE OF
BACHELOR OF SCIENCE INENGINEERING TECHNOLOGY
(120 Credits 2022-23 Catalog)

FRESHMAN

First Semester	Credits	Second Semester	Credits
ENGT 1201 Foundations of Engr. Tech.	2	ENGT 1320 Design Graphics II	3
MATH 2413 Calculus I	4	MATH 2414 Calculus II	4
ENGT 1310 Design Graphics I	3	PHYS 1401 General Physics I /Lab I	4
ENGL 1301 Composition I	3	ENGT 2307 Engineering Materials	3
CHEM 1311/1111 Gen Chem I / Lab	4		
	16		14

SOPHOMORE

First Semester	Credits	Second Semester	Credits
ENGT 1105 Machine Shop Lab	1	ENGT 2310 Manufacturing Processes	3
MANE 2332 Engineering Statistics	3	ENGT 2321 Basic Electronics	3
CSCI 1380 Computer Sci I	3	ECON 1301 Introduction to Economics	3
ENGL 1302 Composition II	3	ENGT 3310 Fundamentals of Product Des	3
PHYS 1402 General Physics II/Lab II	4	ENGT 3303 Prog. Logic Controllers	3
	14		15

JUNIOR

First Semester	Credits	Second Semester	Credits
ENGT 3318 Instruments and Transducers	3	MANE 3337 Engr. Economics	3
ENGT 3301 Computer Numerical Control	3	ENGT 4315 Robotics	3
ENGT 3315 Fluid Power Systems	3	ENGT 3324 Metrology	3
HIST 1301 U.S. History I	3	HIST 1302 U.S. History II	3
ENGT 3310 Intro to Systems Design	3	ENGT 4201 Technical Project I	2
	15		14

SENIOR

First Semester	Credits	Second Semester	Credits
ENGT 4310 System Simulation & Opt.	3	PHIL 2326 Ethics Technology & Society	3
ENGT 4312 Industrial Process Control	3	ENGT 4202 Technical Project II	2
ENGT 4322 Mechatronics System Des	3	ENGT 4326 Lean Six Sigma	3
POLS 2305 US Federal Govt & Politics	3	POLS 2306 Texas Government & Politics	3
ENGT 4335 Project Management	3	XXXX XXXX Music or Art Appreciation	3
	15		14

Any time or Minimester: ENGT 3305 or 3xENGT 3105 (prior) 3 Total Hours 120