Sample 4-Year Plan: Engineering Physics B.S. (2020)
Mechanical Engineering Technology Track

Fall Semester		**Spring Semester**	
PHY 100 Science, Engineering & Design	1	MAT 229 Calculus II	5
MAT 229 Calculus I	4	PHY 224 University Physics with Laboratory III	4
PHY 220 University Physics with Laboratory I	4	CMST 101 Public Speaking	3
ENG 101	3	EGT 212	3
Gen Ed	3		
Total	15	Total	15
Fall Semester		**Spring Semester**	
MAT 329 Calculus III	4	MAT 325 Differential Equators	3
PHY 222 University Physics with Laboratory II	4	PHY 310 Dynamics/PHY 360 Thermodynamics	3
PHY 361 Modern Physics I	3	EGT 267 Programming for Engineering Applications	3
PHY 300 Intermediate Physics Laboratory	2	ENG 291 Advanced College Writing	3
Gen Ed	3	Gen Ed	3
Total	16	Total	15
Fall Semester		**Spring Semester**	
PHY 305 Statics	3	PHY 310 Dynamics/PHY 360 Thermodynamics	3
CHE120 General Chemistry I	3	CHE121 General Chemistry II	3
CHE 120L General Chemistry I Laboratory	1	CHE 120L General Chemistry II Laboratory	1
Gen Ed	3	PHY 393 Physics Seminar	1
STA 205 Statistical Methods	3	EGT 310 Project Management and Problem Solving	3
EGT 261 Engineering Materials	3	Gen Ed	3
		EGT 317 Introduction to Capstone Project	1
Total	16	Total	15
Fall Semester		**Spring Semester**	
EGT 361 Fluid Power	3	PHY 310 Dynamics/PHY 360 Thermodynamics	3
EGT 417 Senior Design Technology	2	PHY 320 Optics	3
EGT 301 Cooperative Education in Engineering Technology	3	EGT 211 Quality Control	3
EGT 480 Machine Design	3	EGT 405 Metrology and Geometric tolerencing	3
EGT 386 Electro-mechanical Inst. and Control	3	Elective to graduate with 120 hours	2
Total	14	Total	14
		Grand Total	120