



SAMPLE 4-year plan for Manufacturing Engineering Technology BS

Fall semester		Spring semester	
METC 1101: Intro to Engineering	3	METC 1114: Engineering Tech. Graphics	2
MATH 1221: Precalculus(E)	4	MATH 1121: Survey of Calculus (MATH2221 Analytic Geometry and Calculus I may be substituted	3
CHEM 1101/L: General Chemistry I w/Lab(E)	4	ETHS 1102: Ethos Lab (E)	1
ETHS 1101: Ethos Seminar(E)	2	ENGL 1102: Rhetoric and Comp II (E)	3
ENGL 1101: Rhetoric and Comp I (E)	3	Choice of Ethos Class * (THEA1180: Stagecraft)	3
		ECON 2200: Principles of Economics (E)	3
Total	16	Total	15
Fall semester		Spring semester	
CSCI 1190: Programming for Eng Tech (Python)	3	METC 2330: Statics/Strength of Materials	3
METC 2101: Metal Manufacturing Tech	2	PHYS 1102/L: Introductory Physics II w/Lab (OR PHYS2122/L: General Physics II with Lab)	4
PHYS 1101/L: Introductory Physics I w/Lab (OR PHYS 2121/L: General Physics I with lab)	4	MATH 1114: Introductory Statistics	3
MGMT 2200: Foundations in Business	3	Choice of Ethos Class *	3
METC 1102: Occupational Safety	2	ACCT 2211: Principles of Financial Accounting	3
Total	14	Total	16
Fall semester		Spring semester	
METC 2615: Ethics and Sustainability in Tech	2	METC 3102: Principles of Injection Molding	3
METC 3101: Materials/Processes in Mfg.	3	METC 3222: Applied Electricity/Electronics	3
METC 3601: Methods Design/Work Mgmt.	3	METC 3404: Applied Machine Elements	3
MGMT 3312: Business Communication	3	METC 4550: Internship	3
MATHXXX: Statistics Lab for Engineers	1	Choice of Ethos Class *	3
Choice of Ethos Class *	3		
Total	15	Total	15
Fall semester		Spring semester	
METC 3111: Maintenance Technology	2	METC 4514: Maint./Replacement/Reliability	3
METC 4601: Product Design & Development	3	METC 4756: Senior Capstone II	2
METC 4622 Lean Six Sigma Manufacturing	3	METC 4550: Internship	3
METC 4755: Senior Capstone I	1	MGMT 3370: Management and Org. Behavior	3
MRKT 3380: Principles of Marketing	3	Choice of Ethos Class *	3
MGMT 4451: Legal & Ethical Envi of Business	3		
Total	15	Total	14