



Sample 4-year plan for Manufacturing Engineering Technology BS

First year			
Fall semester		Spring semester	
METC 1101: Intro to Engineering	3	METC 1102: Occupational Safety	2
MATH 1221: Precalculus	4	METC 1114: Engineering Tech. Graphics	2
CHEM 1101/L: General Chemistry I w/Lab	4	MATH 2110: Technical Calculus OR MATH2221	3-4
ETHS 1101: Ethos Seminar	2	Analytic Geometry and Calculus I	
ENGL 1101: Rhetoric and Comp I	3	ETHS 1102: Ethos Lab	1
		ENGL 1102: Rhetoric and Comp II	3
		Choice of Ethos Class	3
Total	16	Total	14-15
Second year			
Fall semester		Spring semester	
METC 1115: Programming for Eng Tech	2	METC 2330: Statics/Strength of Materials	3
METC 2101: Metal Manufacturing Tech	2	PHYS 1102/L: Introductory Physics II w/Lab OR	4
PHYS 1101/L: Introductory Physics I w/Lab OR	4	PHYS2102/L: General Physics II with Lab	
PHYS 2101/L: General Physics I with lab		MGMT 2200: Foundations in Business	3
ECON 2200: Principles of Economics	3	Choice of Ethos Class	3
Choice of Ethos Class	3	Choice of Ethos Class	3
Choice of Ethos Class	3		
Total	17	Total	16
Third year			
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
ACCT 2211: Principles of Financial Accounting	3	METC 4550: Internship	3
MATH 1114: Introductory Statistics	3	MGMT 3312: Business Communication	3
Total	14	Total	15
Fourth year			
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 4451: Legal & Ethical Envi of Business	3
MRKT 3380: Principles of Marketing	3	Choice of elective course	3
MGMT 3370: Management and Org. Behavior	3		
Total	15	Total	14