



Mechanical Engineering

TENNESSEE TECH

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BSME Aerospace Engineering Concentration Curriculum 2022-2023

Freshman year (fall and spring)			
ENGL 1010 Writing I	3	ENGL 1020 Writing II	3
HUFA Humanities Fine Arts 1	3	HUFA2 Humanities Fine Arts 2	3
ENGR 1110 Graphics	2	ENGR 1120 Programming	2
MATH 1910 Calculus I	4	PHYS 2110 Physics I	4
CHEM 1110 Gen Chemistry I	4	MATH 1920 Calculus II	4
	16		16
Sophomore year (fall and spring)			
ENGL 2130, 2235 or 2330 Literature	3	COMM 2025 or PC 2500 Comm	3
PHYS 2120 Physics II	4	ECE 2850 Princ. of Electric Circuit	3
ME 2910 Prof. & Ethics	1	ME 3010 Materials	3
CEE 2110 Statics	3	ME 2330 Dynamics	3
MATH 2010 Matrix Algebra	3	MATH 2110 Calculus III	4
MATH 2120 Diff. Equations	3		
	17		16
Junior year (fall and spring)			
ME 3001 ME Analysis	3	ME 3050 DMC	3
ME 3023 Measurements	3	ME 3060 DMC Lab	1
CEE 3110 Mechanics of Materials	3	ME 4010 Machine Design	3
ME 3720 Fluid Mechanics	3	ME 3610 Dynamics of Mach	3
ME 3210 Thermodynamics I	3	ME 3710 Heat Transfer	3
		ME 3220 Thermodynamics II	3
	15		16
Senior year (fall and spring)			
SBS Social Beh Sciences 1	3	SBS Social Beh Sciences 2	3
ME 4710 Propulsion or ME 4310 Gas Dynamics or ME 4510 Aerodynamics	3	ME 4710 Propulsion or ME 4310 Gas Dynamics or ME 4510 Aerodynamics	3
ME 4060 Machine Vibrations or ME 4380 Intro Data Acq or ME 4620 Turbomachinery or ME 4810 Automatic Controls or ME 4930 Noise Control	3	ME 4060 Machine Vibrations or ME 4380 Intro Data Acq or ME 4620 Turbomachinery or ME 4810 Automatic Controls or ME 4930 Noise Control	3
ME 4414 Senior Design I - Aerospace	3	AOE 1 (Area of Emphasis)	3
ME 4020 Applied Machine Design or ME 4720 Thermal Design	3	ME 4751 Energy Sys Lab	2
		ME 4424 Senior Design II - Aerospace	3
	15		17