

NAME:

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College of Engineering

TENNESSEE TECH

Degree Map

CATALOG YEAR: 2025-2026

Degree: BSET

MAJOR: Engineering Technology

CONCENTRATION: Management

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and course schedule. This document provides general direction. **Course completed**, **Course in Progress**, **Course recommended for next semester**

FRESHMAN YEAR

Fall	Cr. Hrs.	Spring	Cr. Hrs.
MET 1115 Intro to MET & Engr Ethics	3	MET 2000 Occupational Safety Spring Only	2
ENGR 1110 Engineering Graphics	2	MATH 1845 Technical Calculus	3
Humanities/Fine Arts Elective	3	Humanities/Fine Arts Elective	3
MATH 1710 (3) & MATH 1720 (3) or MATH 1730	5	CHEM 1110 or CHEM 1010	4
ENGL 1010 Writing Composition I	3	ENGL 1020 Writing Composition II	3
Total Credit Hours	16	Total Credit Hours	15

SOPHOMORE YEAR

Fall	Cr. Hrs.	Spring	Cr. Hrs.
FIN 2000 Personal Finance	3	MET 2400 Statics & Strength of Materials (p. MATH and PHYS 2010)	3
MET 2065 Metal Manufacturing Technology (p. ENGR 1110, MET 1115, MATH)	2	PHYS 2020 or PHYS 2120	4
ENGR 1120 Programming for Engineers	2	PSY1030 Intro to Psychology	3
PHYS 2010 or PHYS 2110	4	HIST 2020 Modern US History	3
ECON 2010 Principles of Microeconomics	3	ECON 2020 Principles of Macroeconomics	3
Total Credit Hours	14	Total Credit Hours	16

JUNIOR YEAR

Fall	Cr. Hrs.	Spring	Cr. Hrs.
MET 3100 Applied Physical Metallurgy or ME 3010 (p. MET 1115 & CHEM 1010)	3	MET 3003 Principles of Metal Casting	3
MET 3303 CAD for Technology (p. ENGR 1110)	3	ACCT 3720 Survey of Accounting	3
MET 3713 Methods Design & Work Measurement FALL ONLY (p. Junior status 60 cr)	3	MET 3403 Applied Machine Elements (p. MET 2400 & 3303)	3
MET 3200 Applied Electricity & Electronics (p. MATH 1845 or 1910 and PHYS 2020)	3	COMM 2025 or PC 2500 Communications	3
BMGT 3510 Management & Organizational Behavior	3	MATH 3070 Statistical Methods OR ECON 3610 Business Statistics I	3
Total Credit Hours	15	Total Credit Hours	15

SENIOR YEAR

Fall	Cr. Hrs.	Spring	Cr. Hrs.
MET 3150 Maintenance Technology	2	LAW 2810 Business Legal Environment & Ethics	3
*MET 3703 Manufacturing Cost Estimating FALL ONLY	3	*MET 4650 Lean Six Sigma Manufacturing	3
*MET 4600 Product Design & Development FALL ONLY or MET 4990	3	*MET 4310 Plant Layout (p. MET 3303 & 3713) Spring or Summer Only or MET 4990	3
FIN 3210 Principles of Managerial Finance (p. ACCT 3720, ECON 2010 & 2020)	3	*MET 4550 Maintenance, Replacement, & Reliability Engineering Spring Only or MET 4990	3
MKT 3400 Principles of Marketing (p. ECON 2010)	3	MET 4620 Senior Projects (p. MET 3403)	3
HIST 2010 Early US History	3		
Total Credit Hours	17	Total Credit Hours	15

*Courses specific to this concentration

Updated 4/9/2026