



Department of Engineering and Technology
College of Science, Technology, Engineering,
and Math (2025-26)

Suggested Curriculum Guide for Engineering Tech Management, B.S. (Tech. Concentration)
(transfer students only)

Freshman (1st Semester) 15 hrs

^G MAT 120 (or higher) (fulfills Gen. Ed. 2)- Trigonometry	3
Technical Elective	3
Technical Elective	3
Technical Elective	3
Gen. Ed. 1A (ENG 101)	3

Freshman (2nd Semester) 16 hrs

^G CHE 101 or 111 (fulfills Gen. Ed. 4)- Introductory Chemistry or General Chemistry I	3
CHE 101L or 111L- Introductory Chemistry Lab or General Chemistry I Lab	1
Technical Elective	3
Technical Elective	3
Gen. Ed 1B (ENG 102)	3
Gen. Ed. 1C (Comm.)	3

Sophomore (1st Semester) 15 hrs

STA 215- Intro. to Statistical Reasoning	3
Technical Elective	3
Technical Elective	3
Technical Elective	3
Free Elective	3

Sophomore (2nd Semester) 15 hrs

Technical Elective	3
Technical Elective	3
Technical Elective	3
Gen. Ed. 3A (Arts)	3
Free Elective	3

Junior (1st Semester) 16 hrs

AEM 195- Computer Aided Drafting	3
AEM 308- Methods of Lean Operations	3
AEM 310- Technical Communication	3
^G PHY 131 (fulfills Gen. Ed. 4)- College Physics I	5
Free Elective	2

Junior (2nd Semester) 16 hrs

AEM 202- Intro. to Quality	3
AEM 349- Applied Learning in Industrial Technology	1
CON 420- Engineering Technology	3
TEC 161- Computer Applications in Technology	3
Gen. Ed. 3B (Humanities) Course 1	3
Free Elective (or Gen. Ed. 5B if ACC 200 will be taken)	3

Senior (1st Semester) 15 hrs

AEM 407 (fall only)- Fundamentals of Project Management	3
^G ECO 120 or ^G ECO 230 (fulfills Gen. Ed. 5B) or ACC 200- Fundamentals of Microeconomics or Contemporary Economic Problems or Survey of Accounting	3
MAT 211 (or higher)- Applied Calculus	3
Gen. Ed. 5A (History)	3
Gen. Ed. 3B Course 2	3

Senior (2nd Semester) 12 hrs

AEM 332- Process Control and Auditing	3
AEM 408- Human Resource Development	3
AEM 467- Comprehensive Exam for BS in ETM	0
AEM 499 (ACCT) (spring only)- Senior Capstone Project	3
Gen. Ed. 5B Course 2	3

^G Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

University requirements

General Education

Foundations in Learning (GSD 101; waived for transfers with 30+ hrs)

36 hours

3 hours

39 hours

MAJOR REQUIREMENTS

Core Courses

AEM 195, AEM 202, AEM 308, AEM 310, AEM 332, AEM 349, AEM 407, AEM 408, AEM 499, CON 420, STA 215, TEC 161

34 hours

Concentration Requirements

THIRTY-THREE (33) HOURS of approved technical electives.

33 hours

Supporting Course Requirements

^GCHE 101 and CHE 101L OR CHE 111 and CHE 111L, ^GECO 120 or ^GECO 230 or ACC 200, ^GMAT 120, MAT 211, PHY 131

6-9 hours

Free Electives

0-8 hours

Total Curriculum Requirements

120 hours