Technology Management: Manufacturing Technology

(SC-BS/TMG/T/MFTC)

2017 Catalog year: College of Science and Engineering

Freshman Fall semester
- MATH 2328 Elementary Statistics (F,S,Su)
- TECH 1363 Manufacturing Processes I (F,S)
- TECH 1393 Manufacturing Processes II (S)
- CHEM 1315 College Algebra (F,S,Su)
- CHEM 1141 General Chemistry Lab (F,S,Su)

Freshman Spring semester
- MGT 3303 Management of Organizations (F,S,Su)
- MGT 4330 Operations Management (F,S,Su)
- TECH 2390 (SU)
- TECH 2370 Electricity/Electronics Fundamentals (F,S,Su)
- TECH 3364 (F,S) Quality Assurance
- TECH 3374 (F) Digital Systems
- TECH 4374 (F) Control Systems & Instrumentation
- TECH 4373 (F) Control Systems & Instrumentation
- TECH 4396 (S) Automated Mfg. Systems II
- TECH 4398 (S) Senior Design

Sophomore Fall semester
- ENGR 2300 (F,S,Su) Materials Engineering
- TECH 2330 Manufacturing Process Engineering
- TECH 2351 (F,S,Su) Statics & Strength of Materials
- TECH 2344 (F,S) Power Technology
- TECH 2310 (S) Intro to CAD
- TECH 2311 (S) Engineering Design Graphics (F,S,Su)

Sophomore Spring semester
- TECH 3330 (F) Foundry & Heat Treatment
- TECH 3373 (F) Control Systems & Instrumentation
- TECH 3362 Automated Mfg. Systems I

Junior Fall semester
- TECH 4362 Automated Mfg. Systems I
- TECH 4362 Automated Mfg. Systems II
- TECH 4396 (S) Automated Mfg. Systems II
- TECH 4398 (S) Senior Design
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019

Junior Spring semester
- TECH 3334 (F) Control Systems & Instrumentation
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019

Senior Fall semester
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019

Senior Spring semester
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019
- TECH 3357 (S) Facilities Planning and Design Offered Su 2018 & Spring 2019

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science and Engineering Undergraduate Advising Center for advising.

Note: In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

KEY:
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught in specific semesters are indicated with the following codes:
  - F-Fall
  - S-Spring
  - Su-Summer Session I or II
- Required WI courses: TECH 4330, 4380, 4398
- Additional WI courses: TECH 3322

Core courses must be completed:
- ___US 1100
- ___ENG 1310
- ___ENG 1320
- ___ENG 2310-2360
- ___HIST 1310
- ___HIST 1320
- ___ART/DAN/MU/TH 2313
- ___POSI 2310
- ___POSI 2320
- ___ECO 2301

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.