



Engineering Technology Major Requirements (2021-2022)

78 credit hours minimum

- [TEC 100](#): Professional Development in Technology
- [TEC 111](#): Fundamentals of Power Technology
- [TEC 116](#): Intro Technical Drawing & Constraint-Based Solid Modeling
- [TEC 130](#): Introduction to Manufacturing Processes
- [TEC 151](#): Introduction to Computer Systems Technology
- [TEC 216](#): Constraint-Based Solid Modeling and Production Drawings
- [TEC 233](#): Computer Numerical Control (CNC) & Machining
- [TEC 234](#): Robotic Systems Integration
- [TEC 240](#): Electric Circuits & Machines
- [TEC 263](#): Automated Fluid Power Systems
- [TEC 270](#): Managing Technological Systems
- [TEC 285](#): Industrial Plastics
- [TEC 293](#): Mechanical Properties of Materials
- [TEC 313](#): Quality Systems for Technology
- [TEC 320](#): Project Management
- [TEC 330](#): Applied Economic Analysis for Technologists
- [TEC 392](#): Manufacturing Organization and Management⁺
- [CHE 102](#): Chemistry and Society
- [HSC 271](#): Safety Technology
- [MAT 120](#): Finite Mathematics
- [MQM 100](#): Statistical Reasoning
- [PHY 105](#): Fundamentals of Physics
- [PSY 110](#): Fundamentals of Psychology

Engineering Technology electives (choose 9 hours)

- [TEC 243](#): Computer Networking Systems
- [TEC 244](#): Digital Electronics
- [TEC 333](#): Geometric Dimensioning and Tolerancing
- [TEC 345](#): Process Control Networks
- [TEC 370](#): Supply Chain Logistics
- [TEC 398A02](#): Professional Practice: Internship in Technology
- [ACC 131](#): Financial Accounting
- [ECO 101](#): Principles of Microeconomics
- [FIL 185](#): Legal, Ethical and Social Environment of Business



⁺400 hours of engineering technology related work experience is required before taking [TEC 392](#)