



DEPARTMENT OF
TECHNOLOGY
Illinois State University

Technology & Engineering Education Major Requirements (2025-2026)

81 credit hours minimum

- [TEC 101](#): Introduction to Teaching Technology
- [TEC 111](#): Fundamentals of Power Technology
- [TEC 116](#): Intro Technical Drawing & Constraint-Based Solid Modeling
- [TEC 120](#): Introduction to Building Construction
- [TEC 130](#): Introduction to Manufacturing Processes
- [TEC 150](#): Graphic Communications Technology
- [TEC 216](#): Constraint-Based Solid Modeling and Production Drawings
- [TEC 243](#): Computer Networking Systems
- [TEC 303](#): Engineering Design
- [TEC 304](#): Medical, Agricultural & Bio-Related Technologies
- [TEC 305](#): Teaching Transportation, Energy, & Power Technologies
- [TEC 307](#): Competencies for Teaching
- [MAT 108](#): Trigonometry
- [PHY 105](#): Fundamentals of Physics
- [PSY 110](#): Fundamentals of Psychology

Technology & Engineering Education electives (choose 9 credit hours)

TEC courses through advisement, based on what student hopes to teach

Professional Education Requirements

- [PSY 215](#): Educational Psychology
- [SED 344](#): Teaching Secondary Content to Students with Disabilities
- [TCH 212](#): The Teaching Profession in Secondary Schools
- [TCH 216](#): Principles & Practices for Teaching & Learning in Secondary School
- [TCH 219](#): Integrating Multiple Literacies & Technology Across Secondary Curriculum
- [STT 399A33](#): Student Teaching in Technology and Engineering Education

