Technology, Engineering, and Design Education – Licensure (6-12)

Intro to Education
C or better required
(2) ED 100 (Fall Freshmen) OR
(2) ED 150/151-SAY Village

Writing and Speaking
(4) ENG 101 Academic Writing & Research
C or better required
(3) COM 110 Public Speaking

Social Sciences and IP
(3) PSY 376 Developmental Psych
(3) STS 302 Contemporary Science, Technology and Human Values

Mathematical and Natural Sciences
(3) MA 103
C or better required
(3) MA 121, 131 or MA 141
C or better required
(4) CH 100 or CH 101/102
(4) PY 131 OR PY 201 OR PY 205/206 OR PY 211
(3) BIO 105

GEP Courses
(3) Course from the GEP Humanities list
(3) Course from the GEP Humanities list
(3) Course from the GEP Social Sciences list (cannot be PSY)
(1) Any 100 level Health & Exercise Studies
(1) Any HE Course
(3) Additional Breadth – Humanities, Social Sciences, or Visual Performing Arts course from the GEP list
(2-3) Course from GEP Interdisc Perspectives list (ECI 305 Equity and Education*USD)

USD and GK may "double-count" for both co-req and another GEP Requirement
US Diversity Co-Reqquisite
Global Knowledge Co-Requisite
Foreign Language Proficiency

TDE Technical Electives (C- or better required)
(3)
(3)
(3)
(3)

"TDE 220 is restricted to Civil Engineering Majors and should not be taken by TDE students for a TDE Elective (Ok if already completed)"

Free Electives
(3)

C or better required in all courses below

FRESHMEN YEAR

Fall Semester
(3) TDE 110 Materials & Processes Technology
(3) GC 120 Foundations of Graphics

Spring Semester
(3) TDE 131 Technology through Engineering and Design I
(fall or spring) Prerequisite: TDE 110

SOPHOMORE YEAR

Fall Semester
(3) TDE 205 Desktop Publishing or TDE Technical Elective
(3) GC 250 Architectural Graphic Comm.
Prerequisite: GC 120 or TDE 220
(2) ED 204 Intro to 21st Century Teaching
Prerequisite: TDE 220
(2) TDE 202 Intro to Teaching Tech Ed

Spring Semester
(3) ISE 216 Product Dev. And Prototyping OR D 100 Design Thinking

JUNIOR YEAR

Fall Semester
(2) ED 311 Classroom Assessment Prerequisite: ATC
(1) ED 312 Classroom Assessment Lab
(3) ELP 344 School and Society
(3) EDP 304 Education Psychology
(3) TDE 331 Technology through Engineering and Design II (fall or spring)
Prerequisite: TDE 131

Spring Semester
(3) ECI 416 Teaching Exceptional Students

SENIOR YEAR

Fall Semester
(4) TDE 456 Curriculum and Methods in Technology Education
Prerequisite: TDE 202 and Teacher Education Candidacy
(3) TDE 481 Research & Development in Technology Education
Prerequisite: TDE 331

Spring Semester
Prior admission to Professional Semester required (Spring only)
(3) TDE 452 Lab Planning in Tech Education
(8) TDE 457 Student Teaching in Technology Education
(3) TDE 495 Senior Seminar in Technology Education

Completed out of 4.5

PROFESSIONAL GROWTH UNITS (PGU's): must earn 4.5 PGU's by graduation. Register for sessions and track PGU's in SAGE → "Professional Development" tab

ATC REQUIREMENTS (Admission to Teacher Candidacy): ENG 101 2 Math courses TDE 202/ED 204 GPA at least 2.75 Praxis I

Must have ATC in order to register for ED 311/312. View your progress in SAGE → "Gateways" tab

TDE Technical Elective Course Options

- GC 320 3D Spatial Relations
- GC 350 Applied CAD/D and Geometric Controls
- TDE 205 Desktop Publishing and Imaging Technology
- TDE 351 Ceramics: The Arts and Craft of Clay
- GC 330 Basic Technical Animation
- GC 420 Visual Thinking
- TDE 230 Scientific and Technical Visualization
- TDE 359 Electronics Technology
- TDE 385 Robotics Education
- GC 340 Concepts of Website Design
- GC 450 Advanced Graphics usage with CAD
- TDE 261 Digital Media Education
- TDE 371 Emerging Issues in Technology

- ED 204 Intro to 21st Century Teaching

- TDE Elective (Ok if already completed)