

# Technology, Engineering, and Design Education – Graphic Communication

**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 or GEP Math Course  
*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

**Free Electives**

- \_\_\_\_ (4) \_\_\_\_\_

**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 the GEP Interdisc Perspectives list

USD and GK may “double-count” for both co-req and another GEP Requirement

- \_\_\_\_ US Diversity Co-Requisite \_\_\_\_\_
- \_\_\_\_ Global Knowledge Co-Requisite \_\_\_\_\_
- \_\_\_\_ Foreign Language Proficiency \_\_\_\_\_

**Management Electives** (*see degree audit for course options*)

- \_\_\_\_ (3) \_\_\_\_\_
- \_\_\_\_ (3) \_\_\_\_\_
- \_\_\_\_ (3) \_\_\_\_\_
- \_\_\_\_ (3) \_\_\_\_\_

**GC Technical Electives** (*see degree audit for course options*)

- \_\_\_\_ (3) \_\_\_\_\_
- \_\_\_\_ (3) \_\_\_\_\_
- \_\_\_\_ (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)*

***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*
- \_\_\_\_ (3) TDE 205 Desktop Publishing or TDE or GC Technical Elective

**SOPHOMORE YEAR**

**Fall Semester**

- \_\_\_\_ (3) GC 250 Architectural Graphic Communications  
*Prerequisite: GC 120 or TDE 220*
- \_\_\_\_ (3) EDP 304 Education Psychology

**Spring Semester**

**JUNIOR YEAR**

**Fall Semester**

- \_\_\_\_ (3) ELP 344 School and Society
- \_\_\_\_ (3) TDE 331 Technology through Engineering and Design II (fall or spring)  
*Prerequisite: TDE 131*

**Spring Semester**

- \_\_\_\_ (3) ISE 216 Product Dev. And Prototyping OR D 100 Design Thinking

**SENIOR YEAR**

**Fall Semester**

- \_\_\_\_ (3) TDE 481 Research & Development in Technology Education  
(fall or spring) *Prerequisite: TDE 331*

**Spring Semester** (*Internship Semester Spring Only*)

- \_\_\_\_ (3) TDE 452 Lab Planning in Tech Education
- \_\_\_\_ (6) TDE 407 Field Work in TDE

**GC Elective Course Options**

- GC 320 3D Spatial Relations
- GC 420 Visual Thinking
- TDE 205 Desktop Publishing and Imaging Technology
- TDE 351 Ceramics: The Arts and Craft of Clay

- GC 330 Basic Technical Animation
- GC 450 Advanced Graphics usage with CAD
- TDE 230 Scientific and Technical Visualization
- TDE 359 Electronics Technology

- TDE 261 Digital Media Education
- TDE 371 Emerging Issues in Technology
- TDE 385 Robotics Education