## Technology, Engineering, and Design Education – Graphic Communication

**Intro to Education**

*C or better required*

- (2) ED 100 (Fall Freshmen) OR ED 150/151-SAY Village

**Writing and Speaking**

- (4) ENG 101 Academic Writing & Research
- (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
- (3) MA 121, 131 or MA 141
- (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) ____________

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**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) ________
- (3) ________

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

- (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)**

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**FRESHMEN YEAR**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>(3) TDE 110 Materials &amp; Processes Technology</td>
<td>(3) TDE 131 Technology through Engineering and Design I (fall or spring) Prerequisite: TDE 110</td>
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<tr>
<td>(3) GC 120 Foundations of Graphics</td>
<td>(3) TDE 205 Desktop Publishing or TDE or GC Technical Elective</td>
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<tr>
<th>SOPHOMORE YEAR</th>
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<tbody>
<tr>
<td>Fall Semester</td>
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<tr>
<td>(3) GC 250 Architectural Graphic Communications</td>
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<tr>
<td>Prerequisite: GC 120 or TDE 220</td>
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<td>(3) EDP 304 Education Psychology</td>
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<th>JUNIOR YEAR</th>
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<tbody>
<tr>
<td>Fall Semester</td>
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<tr>
<td>(3) ELP 344 School and Society</td>
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<tr>
<td>(3) TDE 331 Technology through Engineering and Design II (fall or spring) Prerequisite: TDE 131</td>
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<th>SENIOR YEAR</th>
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<tr>
<td>Fall Semester</td>
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<tr>
<td>(3) TDE 481 Research &amp; Development in Technology Education (fall or spring) Prerequisite: TDE 331</td>
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**GC Elective Course Options**

- GC 320 3D Spatial Relations
- GC 321 3D Spatial Relations
- GC 330 Basic Technical Animation
- GC 340 Advanced Graphics usage with CAD
- TDE 205 Desktop Publishing and Imaging Technology
- TDE 230 Scientific and Technical Visualization
- TDE 351 Ceramics: The Arts and Craft of Clay
- TDE 359 Electronics Technology
- TDE 261 Digital Media Education
- TDE 371 Emerging Issues in Technology
- TDE 385 Robotics Education

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*C or better required in all courses below*