CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
CONSTRUCTION ENGINEERING TECHNOLOGY
CURRICULUM FLOWSHEET
2016-17

<table>
<thead>
<tr>
<th>NAME: ________________________</th>
<th>Academic Plan: ETC</th>
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### Freshman

#### Fall
- MAT 130: Technical Calculus
- GE
- Note 1: MAT 114 and MAT 115 may be substituted for MAT 130.
- Note 2: MAT 114, MAT 115, and MAT 116 may be substituted for MAT 130 and MAT 131.

#### Winter
- MAT 131: Technical Calculus II
- Note 1: MAT 114 and MAT 115 may be substituted for MAT 130.
- Note 2: MAT 114, MAT 115, and MAT 116 may be substituted for MAT 130 and MAT 131.

#### Spring
- GE
- Note 3: CE134/134L may be substituted for ETC 317.
- Note 4: Intermediate Education Program (IGE), for partial fulfillment of GE Areas A, C and D is available for students in this major.

### Sophomore

#### Fall
- ETC 130/130L: Construction Drafting I
- ETC 202/202L: Construction Drafting II
- ETC 210: Application of Statics
- ETC 220/220L: Applied Statics
- ETC 240: Concrete Mixture
- ETC 270: Electrical Installations
- ETC 270/270L: Electrical Installations
- ETC 310/310L: Fluid Mechanics I
- ETC 311/311L: Surveying I

#### Winter
- ETC 312/312L: Construction Equipment
- ETC 315/315L: Structural Design
- ETC 315/315L: Structural Design
- ETC 316/316L: Technical Elective
- ETC 431/431L: Concrete Mix Design
- ETC 461/461L: Reinforced Concrete

#### Spring
- ETC 462/462L: Sr Project II
- ETC 401/401L: Cost Control
- ETC 402/402L: Safety
- ETC 403/403L: Contracts & Spec.
- ETC 404/404L: Planning & Scheduling
- ETC 405/405L: Organization & Management

### Junior

#### Fall
- ETC 250/250L: Adv Prgrming
- ETC 270: Electrical Installations
- ETC 270/270L: Electrical Installations
- ETC 305: Estimating I
- ETC 306: Estimating II
- ETC 312/312L: Construction Equipment
- ETC 410/410L: Cost Control

#### Winter
- ETC 310/310L: Fluid Mechanics I
- ETC 311/311L: Surveying I
- ETC 315/315L: Structural Design
- ETC 316/316L: Technical Elective
- ETC 431/431L: Concrete Mix Design

#### Spring
- ETC 461/461L: Sr Project I
- ETC 462/462L: Sr Project II
- ETC 401/401L: Cost Control
- ETC 402/402L: Safety
- ETC 403/403L: Contracts & Spec.
- ETC 404/404L: Planning & Scheduling
- ETC 405/405L: Organization & Management

### Senior

#### Fall
- ETC 461/461L: Sr Project I
- ETC 462/462L: Sr Project II
- ETC 401/401L: Cost Control
- ETC 402/402L: Safety
- ETC 403/403L: Contracts & Spec.
- ETC 404/404L: Planning & Scheduling
- ETC 405/405L: Organization & Management

### Total Units: 193

**Notes**

1. MAT 114, MAT 115, and MAT 116 may be substituted for MAT 130 and MAT 131.
2. CE134/134L may be substituted for ETC131/131L.
3. ME 214 may be substituted for ETT 210.
4. ME 218 may be substituted for ETT 220.
5. An alternative GE pattern from that listed here, the Interdisciplinary Education Program (IGE), is available for partial fulfillment of GE Areas A, C and D.

Although the IGE program tends to fit best for freshmen entering Cal Poly Pomona, it is available to all students; see the university catalog or your advisor for more information.

- This flowchart shows the suggested order of courses to complete the degree Bachelor of Science in Construction Engineering Technology in 4 years: 12 quarters not including summer quarters.
- The flowchart is not a schedule however and when specific courses are offered (i.e. what quarter in a given year) depends on many factors including enrollment, faculty availability, on-going curricular changes and budgetary constraints.
- Many courses (i.e ETT210 and GE) are generally taught every quarter and can be taken whenever a student has completed the prerequisite coursework.
- Most major courses (i.e. ETC130/130L) may be taught once or twice a year depending on student demands.
- If you have concerns about when a course is to be offered next or any other course related questions you should contact your department advisor or the CE office (909-869-2488 or ce@cpp.edu).