

Updated 5/31/2017

	YEAR 1			YEAR 2		
	Fall	Winter	Spring	Fall	Winter	Spring
<p>This Transfer Student Flowchart assumes equivalents for the Admissions requirements, listed below, have been transferred to Cal Poly. Anything not transferred in needs to be added to this flowchart, which may result in an additional quarter/s. Check your DPR to verify credit:</p> <p>MATH 141, 142, 143, 241 & 244; PHYS 141, 132 & 133; CHEM 124 & 125; CE 113; MATE 210 & 215; ME 211 & 212 BRAE 239; GEOL 201</p> <p>Approved Engineering Science Elective; ENGL 149; BIO/BMED 213; GE AREAS A1, A2, C1, C2, C3, D1, D2, D3, & D4</p>	<p><i>Introduction to Civil Engineering</i></p> <p>CE 111 (1)</p>	<p><i>Structural Engineering</i></p> <p>CE 352 (4) <small>(CE 207. Coreq: CE 251)</small></p>	<p><i>Reinforced Concrete Design</i></p> <p>CE 355 (4) <small>(CE 259 & 352)</small></p>	<p><i>Civil Engineering Professional Practice</i></p> <p>CE 465 (1) <small>(Sr Standing and Instr. Consent)</small></p>	<p><i>Senior Design Project I and II</i></p> <p>CE 466 (3)³ <small>(CE 321, 322, 336, 337, 355, 381, 382, 465)</small></p> <p>CE 467 (3)³ <small>(CE 466)</small></p>	
	<p>if have Mechanics of Materials 1 credit take Mechanics of Materials II CE 207 (2)</p> <p>OR if no Mechanics of Material credit take</p>	<p><i>Design Principles in Civil Engineering</i></p> <p>CE 112 (2) <small>(ENVE 111 or CE 1121)</small></p>	<p><i>Water Resources Engineering and Hydraulics Lab</i></p> <p>CE 336 (4) and CE 337 (1) <small>(ME 341 or ENVE 264)</small></p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>
	<p><i>Mechanics of Materials I & II</i> CE 208 (5) <small>(ME 211)</small></p>	<p><i>Fundamentals of Transportation Engineering & Lab</i></p> <p>CE 321 (3) and CE 322 (2) <small>(PHYS 141, CE 259 or graduate standing)</small></p>	<p><i>Geotechnical Engineering and Lab</i></p> <p>CE 381 (4) and CE 382 (1) <small>(CE 207; ME 341 or ENVE 264)</small></p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>	<p>Approved Technical Elective</p> <p>(4)⁴ ***</p>
	<p><i>Civil Engineering Materials</i></p> <p>CE 259 (2) <small>(CE 204 or CE 2081, CE 2511)</small></p>	<p><i>Fluid Mechanics I</i></p> <p>ME 341 (3) <small>(MATH 242 or 244; ME 212)</small></p>	<p>any remaining support or GE not transferred</p>	<p>TAKE 1-2 COURSES BELOW EACH QUARTER</p>		
	<p><i>Programming Applications in Engineering</i></p> <p>CE 251 (2) <small>(CE 113, CE 204, MATH 244)</small></p>			<p><i>Intro to Environmental Engineering</i> ENVE 331 (4) <small>(CHEM 125 or 128, MATH 242 or 2441)</small></p>		
	<p>any remaining support or GE not transferred</p>			<p><i>Statistical Methods for Engineers</i> STAT 312 (4) <small>(MATH 142) [B6]</small></p>		
	<p>any remaining support or GE not transferred</p>			<p><i>Thermodynamics I</i> ME 302 (3) <small>(ME 212 & PHYS 132)</small></p>		
				<p>GE C4 (4) ** (combine with USCP requirement if still needed)</p>		
				<p>Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</p>		
		7+	14	14+	16	15

Notes:

- * Refer to current catalog for prerequisites.
- **Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR). USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, or D4.
- ³ Alternatives to CE 466/467 include, but are not limited to, *Community Engineering Senior Project I and II* CE 468 (3) and CE 469 (3). Students interested in alternatives to CE 466/467 should contact the CEENVE Department Office.
- *** Refer to current catalog for course selection and guidelines for technical electives.
- † Course can be taken previously or concurrently.
- ¹ Required in Support; also satisfies GE
- ² 2-4 units Approved Engineering Science Elective. See catalog. No double-counting of coursework with other requirements. Consultation with advisor recommended.
- ⁴ 24 units Technical Electives. See catalog for course options and additional guidelines.

Legend:

Course Title Course # (Units) <small>(Prerequisite)</small>		Major
		Support
[GE Area]		General Ed.