College of Engineering

*Engineering Student Services*

**2019 Suggested Courses for**

**Civil Engineering (CE) 2019 – 2020 Catalog**

1. **Major course options:**
	* **May already be fulfilled with transfer credit; check prerequisites**
	* Pay close attention to course sequencing on your flowchart to help you prioritize which courses may be most important to take first based on prerequisites for future courses.
	* ENVE 111 (1)\*: Introduction to Environmental Engineering Profession (only offered in fall)
	* ENVE 264 (4)\*: Environmental Fluid Mechanics (only offered in fall)
	* ENVE 331 (4)\*: Introduction to Environmental Engineering
	* CE 113 (2): Computer Aided Drafting in Civil Engineering
* CE 204 (3)\*: Mechanics of Materials I

or CE 207 (2)\*: Mechanics of Materials II

* + If you have taken equivalent to CE 204 but not CE 207, enroll in CE 207.
	+ If you still need CE 204 and CE 207, you can take them separately over two quarters OR enroll in CE 208 (5): Mechanics of Materials, which is designed specifically for transfers students this fall quarter. This course combines CE 204 and CE 207.
	+ CE 251 (2): Programming Applications in Engineering
1. **Support course options:**
	* **May already be fulfilled with transfer credit; check prerequisites**
	* ENGL 149 (4)\*: Technical Writing for Engineers
		+ - Credit may be substituted with a transferred GE A3; please confirm before enrolling
	* ME 211 (3): Engineering Statics
	* STAT 312 (4): Statistical Methods for Engineers
	* MCRO 221 (4): Microbiology

or MCRO 224 (4): General Microbiology I

* + CHEM 312 (5): Survey of Organic Chemistry

**\*Course is required or strongly recommended in fall due to course availability or prerequisites**

**^Course should be taken as soon as possible**

1. **General Education (GE) course options:**
	* **May already be fulfilled with transfer credit; check prerequisites**
	* Any remaining lower division GE course(s)
	* GE C4
	* The [Graduation Writing Requirement (GWR)](https://writingcenter.calpoly.edu/content/gwr/index) must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course (which can double-count with the GE C4) OR by registering for the Writing Proficiency Examination (WPE). GWR courses are searchable on PASS.
	* The [United States Cultural Pluralism (USCP)](http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#uscptext) requirement must be satisfied before graduation. USCP courses may double-count with a remaining GE requirement and are searchable on PASS.
2. **Additional notes:**
	* Recommended that you enroll in 12 – 16 units
3. **Engineering Student Services**

Engineering Advising | Multicultural Engineering Program | International Exchange Program

Location: Building 40, Room 115

Phone: 805-756-1461

Email

Website

1. **CE/ENVE Department:**

Location: Building 13, Room 266

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