PROGRAM DESCRIPTION
General engineering is unique among Cal Poly engineering majors in that it allows students to build their own course of study. This flexibility is critical for those students seeking careers in some of today’s most exciting fields, where the required skills do not fit within a single major. Working with a faculty advisor, general engineering students build their own unique interdisciplinary curriculum by taking classes from among those offered by any Cal Poly engineering department, as well as courses outside the College of Engineering. These technical elective courses are selected to support each student’s sharply defined career goal. A study plan is submitted by the student prior to the end of their second year.

OUR MISSION
Provide the highest quality technical and professional engineering education, with a particular emphasis in new or evolving interdisciplinary areas, while allowing students to participate in designing their own unique curricula.

EXAMPLES OF ENGINEERING CLUBS
- Audio Engineering Society — calpolyaudio.club
- Cal Poly Robotics Club — calpolyrobotics.com
- Engineers Without Borders — ewb.calpoly.edu
- General Engineering Club
- QL+ (Quality of Life Plus) — cpqlplus.com
- Renewable Energy Club
- Sales Engineering Club
- Society of Automotive Engineers — calpolyracing.org
- Society of Women Engineers — swe.calpoly.edu
- Supermileage — supermileage.calpoly.edu
- White Hat — thewhitehat.club
- Women Involved in Software and Hardware (WISH) — calpoly.edu/~wish

CONCENTRATIONS
General (or Multidisciplinary) Engineering Concentration:
The general concentration is a broad-based engineering program that covers several major engineering disciplines in detail. It provides an outstanding foundation in engineering for students who may be pursuing a career in management, patent law, education and many other broad fields.

Individualized Course of Study (ICS) Concentration:
The ICS concentration allows students to create a plan of study with the GENE director in order to reach their academic and professional goals. The curriculum includes more than 40 units of technical electives to give students room to study their area of interest.

EXAMPLES OF INDIVIDUALIZED COURSES OF STUDY
General engineering students have chosen many paths when designing their own curriculum. Paths include:
- Sustainable Energy
- Product Design
- Entrepreneurship
- Chemical Engineering
- Mechatronics
- Marine Engineering
- Humanitarian Engineering
- Pre-Law
- Pre-MBA
- Pre-Med
- Audio Engineering
- Sales Engineering
- Systems Engineering
- Product Design
- K-12 Education

Building 13, Room 263
805-756-6339
gene.calpoly.edu
**Notes:**

MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET

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: C1, Upper-Division C, D1, D2, Upper-Division D, or E.

* Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, A3, B1, B2, B3, Lower-Division C Elective, Upper-Division C, D1, Area D Elective, Lower-Division E, and F. Upper-Division C should be taken only after Junior standing is reached (90 units).

*** Concentration form required and should be submitted prior to junior year. Concentration courses should total 40 units (a minimum of 29 units need to be 300-400 level).

† Course can be taken previously or concurrently.

1 Required in Support; also satisfies GE.

2 Students with an approved Individualized Course of Study may substitute CSC 231 (2 units) plus an additional 2 units of other advisor approved coursework for CSC/CPE 101 (4 units).

3 ENGR 459, 460, 461 (6 units) or 6 units of Senior Project in appropriate engineering discipline.