



Engineering AS Degree - CSU 2 Year Plan

- Recommendation guide this is not an educational plan.
- Courses do not have to be completed in the order listed, except for listed prerequisites**
- Golden four courses must be completed during the first year. **(*Bolded)**

For questions contact the Advising Center at 559-791-2329 Location: AC-126

	Freshman			Sophomore		
	Summer	Fall	Spring	Summer	Fall	Spring
60+ Units	9 Units	15 Units	15 Units	9 - 11 Units	14 - 16 Units	13 - 22 Units
Major Requirements	ENGR P110 <i>Introduction to Engineering (2)</i>	ENGR P120 <i>Introduction to Programming Concepts and Methodologies for Engineers (4)</i> MATH P103 <i>Calculus 1 with Analytic Geometry (4)</i> <i>Corequisite 103X (3)</i>	ENGR P132 <i>Program Concepts and Methodologies II (3)</i> MATH P104 <i>Calculus 2 with Analytic Geometry (4)</i> PHYS P104A <i>Physics for Scientists and Engineers (4)</i>		MATH P205 <i>Calculus 3 with Analytic Geometry (4)</i> PHYS P104B <i>Physics for Scientists and Engineers (4)</i>	ENGR P260 <i>Circuits Analysis (3)</i> ENGR P260L <i>Circuits Analysis Lab (1)*</i> MATH P207 <i>Ordinary Differential Equations (4)</i> or MATH P206 <i>Differential Equations with Linear Algebra (5)</i>
General Education Requirements	INST P105 <i>College Planning and Success (1)</i> POLS P101 <i>American Government (3)</i> COMM P101 <i>Introduction to Public Speaking (3)</i>	ENGL P101A <i>Expository Composition (4)</i>	ENGL P101B <i>Argumentative Writing and Critical Thinking Through Literature (4)</i>	Area 5B (3 - 5) HLED P112 <i>Health Education (3)</i> Area 4 (3)	Area 4 (3) Area 3B (3 - 5)	Area 3A (3) Area 3A (3 - 5) or Area 3B (3 - 5) Area 6 (0 - 5)

*The lab is required of most engineering students. Please check your transfer institution to determine whether this course is required for your engineering pathway. List B (*Programming for CPE and Chemistry for all other engineering students, UC's require both*)