<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Area A</th>
<th>Area B</th>
<th>Area C</th>
<th>Area D</th>
<th>Area E</th>
<th>Total Units</th>
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**Program Objectives**

1. Improve understanding of professional societies and their role in the engineering profession.
2. Develop communication skills in both oral and written formats.
3. Foster continuous learning and self-development.
4. Prepare for alternate career paths.
5. Use modern engineering skills and tools for practice.
6. Design systems or components to meet needs within constraints.
7. Identify, formulate, solve, and interpret data.
8. Work in multidisciplinary teams.
9. Plan, schedule, and control for projects with ethical and responsible behavior.
GE Area B2 --Biological Science
3 units

GE Area B3--Laboratory Science
(with B1 or B2 course)
1 units

GE Area B4--Math/Quantitative Reasoning
3 units

GE Area B5--Science and Technology Synthesis
4 units

GE Area C1--Visual and Performing Arts
4 units

GE Area C2--Philosophy and Civilization
4 units

GE Area C3--Lit, Phil, Language (not English)
4 units

GE Area C4--Humanities Synthesis (upper Div)
4 units

GE Area D1--US History, Constitution, American Ideals
8 units

GE Area D2--History, Economics and Poli Sci
4 units

GE Area D3--Sociology, Anthropology, Ethics and Gender Studies
4 units

GE Area D4--Social Science Synthesis (upper Div)
4 units

GE Area E--Lifelong Understanding and Self-Development
4 units

American Institutions: US History, Constitution
GE Area D1

American Institutions: California and local gov.
GE Area D1

CSU GE Area B

CSU GE Area C

CSU GE Area D

American Institutions

CSU GE Area E