The Academic Senate approved the following programatic exceptions to General Education requirements for the Engineering Department:

**Segment I:**

- Quantitative Reasoning 3 units
- Oral Communication 3 units
- Written Communication fulfilled by English 1141 3 units
- Waiver of Critical Thinking Requirement (see footnote 3 for justification)

**Segment II:**

***This policy was superceded by F04-064: General Education Program Policy Consolidation***
Behavioral & Social Sciences

9 units of BSS cluster work plus 3 units for Statutory Requirement\(^1\)  

12 units

Humanities & Creative Arts

6 units of Segment HCA offerings\(^5\), plus English or Alternate 214 accepted, plus waiver to Active Participation\(^1, 4\)  

9 units

Physical & Biological Sciences

12 units Physical Sciences\(^6\) (Chem. 111, 112; 113, Phys. 141)  

12 units

NOTE: Engineering majors are of course expected to fulfilled the American Ethnic Heritage and Lifelong Development requirements in the process of taking the Segment II work as indicated above.

Segment III:

6 units of Segment III work in a cluster necessarily composed of a humanities course or emphasis and a biological science course or emphasis\(^5\). 6 units
NOTE: Naturally the student is expected to fulfill the C.E.D. requirement in the process of taking the 6 units Segment III cluster.

DOUBLE-COUNTING: With respect to double-counting: 15 units will be permitted to be double-counted\(^1\).

1This is a recommended exception to our local policy.

2This is a recommended exception to Title 5.

3Much work in Engineering major courses involves processes and development in critical thinking and problem-solving skills and competencies. We follow the successful model of San Jose State in agreeing that this is a sensible and valid accommodation.

4Many activities in the Engineering curriculum involve significant hands-on experience with graphics and design. It is our judgment that the functional equivalent of this good General Education requirement is fulfilled by these integral major activities.

5Segment III cluster must contain a humanities course in order to achieve the requisite 12 unit total.

6Segment III cluster must contain a biological science course thus fulfilling Title 5's science prescriptions.