

**Reference Number:** S82-091

**Senate Approval Date:** Tuesday, May 11, 1982

**Presidential Approval** Wednesday, May 26,

**Date:** 1982

**Archival Information:**

**\*\*\*This policy was superceded by F04-064: General Education Program Policy Consolidation\*\*\***

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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 114<sup>1</sup> 3 units

Waiver of Critical Thinking Requirement (see footnote 3 for justification)<sup>2</sup>

Segment II:

Behavioral & Social Sciences 9 units of BSS cluster work plus 3 units for Statutory Requirement<sup>1</sup> 12 units

Humanities & Creative Arts 6 units of Segment HCA offerings<sup>5</sup>, plus English or Alternate 214 accepted, plus waiver to Active Participation<sup>1, 4</sup> 9 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<sup>5</sup>. 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<sup>1</sup>.

<sup>1</sup> This is a recommended exception to our local policy.

<sup>2</sup> This is a recommended exception to Title 5.

<sup>3</sup> Much 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.

<sup>4</sup> Many 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.

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

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

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