Adopted: June 9, 1987

ACADEMIC SENATE
OF
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, California

AS-255-87/GE&B

GENERAL EDUCATION AND BREADTH REQUIREMENTS
APPROVED ADDITIONS FOR THE 1988-1990 CATALOG

1. DANC 221 Addition Area C.2

2. MATH 116 Addition B.2
   (Recommended that the course description of MATH 116/117 be changed so that the prerequisite for 117 is, "116 or equivalent recommended.")

Proposed By:
General Education and Breadth Committee
May 26, 1987
<table>
<thead>
<tr>
<th>1. PROPOSER'S NAME</th>
<th>2. PROPOSER'S DEPT.</th>
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<tbody>
<tr>
<td>Kenvin and Suhr</td>
<td>Theatre &amp; Dance</td>
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<td>3. SUBMITTED FOR AREA (include section, and subsection if applicable)</td>
<td>C.2</td>
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<tr>
<td>4. COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)</td>
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<td>DANC 221 Dance Appreciation (3)</td>
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<td>Major dancers and choreographers of the modern period. Includes consideration of cultural contexts as well as styles and forms used in dance. An introductory survey of major experiments in dance. 3 lectures.</td>
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<td>5. SUBCOMMITTEE RECOMMENDATION AND REMARKS</td>
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<td>Approves 5-0</td>
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<td>6. GE &amp; B COMMITTEE RECOMMENDATION AND REMARKS</td>
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<td>Approves 7-0</td>
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<td>7. ACADEMIC SENATE RECOMMENDATION</td>
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# General Education and Breadth Proposal

1. **Proposer's Name**
   - Mathematics Department

2. **Proposer's Dept.**
   - Mathematics

3. **Submitted for Area** (Include section, and subsection if applicable)
   - B.2.

4. **Course Prefix, Number, Title, Units, Description, Etc.** (Use catalog format)
   - Math 116 Precalculus Algebra A (3)
   - See Catalog Description on attached pages.

5. **Subcommittee Recommendation and Remarks**
   - Approves 5-0
   - Our committee would like to recommend however that approval of Math 116 be granted only for the 1988-90 catalog. Our intent is that the entire Precalculus Algebra package should be reviewed prior to the 1990-92 catalog, and that at that time Math 117 should be the lowest course approved for Area B.2.

6. **GE & B Committee Recommendation and Remarks**
   - Approves 6-1-1
   - The GE&B Committee recommends that the course description of Math 116/117 be changed so that the prerequisite for 117 is, "116 or equivalent recommended."

7. **Academic Senate Recommendation**
Memorandum

To: Deans and Department Heads

From: Thomas E. Hale, Chair
Mathematics Department

Subject: The New CSU Math Requirements for the Fall of 1988

In November of 1985, the Board of Trustees of the CSU voted to require students entering the CSU in the Fall Term of 1988 and thereafter to have completed three years of college preparatory mathematics.

In June of 1986, William E. Vandament, Provost and Vice Chancellor of Academic Affairs, advised campuses that effective the beginning of the 1988 college year—sooner, if possible—campuses should cease awarding baccalaureate credit for intermediate algebra. In October of 1986, the Executive Order regarding the ELM was revised to reflect the change. Transfer students must complete a math course at a level above that of intermediate algebra with a grade of C or better to qualify for exemption from the ELM Examination.

The CSU Algebra II (intermediate algebra) topics list and the California Public Schools Mathematics Framework Algebra 2 course content agree and coincide with our current Math 113, 114 sequence. Eliminating these courses leaves the fourth-year high school math analysis course, or a college course in functions and analytical geometry, as the only traditional precalculus algebra courses available.

To satisfy the new requirements, the Mathematics Department is proposing to offer a precalculus algebra course as either a one-quarter course, Math 118 (4), or a two-quarter course Math 116 (3), 117 (3). The same material would be covered in both sequences. The two-quarter sequence would accommodate students who find mathematics harder to comprehend. The complete sequence will be needed by students who wish to continue their study of mathematics. General education credit will be given for either Math 116 or Math 118, but not for both Math 116 and 118. No General education credit will be given for Math 117.

We are also proposing 1) a non-credit remedial class, Math 099, for students who cannot demonstrate a proficiency in intermediate algebra, and 2) the elimination of the duplicate trigonometry course, Math 115.

If you currently require Math 114 (3), we recommend that you change the requirement to Math 116 (3). We would suggest that you recommend Math 118 to better students. If you currently require Math 115 (3), we recommend that you change the requirement to Math 119 (3).
I have reviewed the resolution and have the following recommendations:

1. DANC 221 to be added to Area C.3. Approved.

2. MATH 116:

   The Mathematics Department has developed MATH 116/117 as a sequence to address the CSU requirement effective Fall Term 1988 that campuses cease awarding baccalaureate credit for intermediate algebra. The two courses are the equivalent in subject matter and level of proficiency to MATH 118, but offer the material at a slower pace for those students whose preparation does not enable them to compress the material into one quarter.

   MATH 117 is approved as an addition to GE&B Area B.2 effective with the 1988-90 catalog. The prerequisite for MATH 117 should be MATH 116 or equivalent. The proficiency level will then be the same whether the student elects MATH 118 or the MATH 116/117 sequence, or a mathematics course at a level higher than these.

   In the interim, MATH 116 is approved for Area B.2 while programs adjust to this new requirement.
Memorandum

To: Charles Crabb, Chair
   Academic Senate

From: Warren J. Baker
      President

Subject: ACADEMIC SENATE RESOLUTION REGARDING
         GENERAL EDUCATION AND BREADTH REQUIREMENTS
         APPROVED ADDITIONS FOR THE 1988-90 CATALOG
         (AS-255-87/GE&B)

This will acknowledge Lloyd Lamouria's memo of June 11 with which
was transmitted a resolution relative to the General Education
and Breadth Requirements Approved Additions for the 1988-90 Catalog
(AS-255-87/GE&B). This resolution is being forwarded to the Vice
President for Academic Affairs in accordance with previous agreed
upon procedures for the administration of the GE&B resolution.