Adopted: April 28, 1987

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

AS-250-87/GE&B

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

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<th></th>
<th>Course</th>
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| 1 | ART 101  | Addition C.2  
| 2 | ART 108  | Addition C.2  
| 3 | ART 112  | Retention C.2  
| 4 | FR 233   | Addition C.1  
|   |          | Removal of FR 101, 102, 103, 201, 202, and 203 from Area C.3  
| 5 | GER 233  | Addition C.1  
|   |          | Removal of GER 101, 102, 103, 201, 202, and 203 from Area C.3  
| 6 | SPAN 233 | Addition C.1  
|   |          | Removal of SPAN 101, 102, 103, 201, 202, and 203 from Area C.3  
| 7 | DANC 321 | Addition C.3  
|   |          | No prerequisite requirement  
| 8 | STAT 130X| Addition B.2  
| 9 | Revision of General Education and Breadth Area B | See Recommendations  

Proposed By:  
General Education and Breadth Committee  
April 7, 1987
# GENERAL EDUCATION AND BREADTH PROPOSAL

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<tr>
<th>1. PROPOSER'S NAME</th>
<th>2. PROPOSER'S DEPT.</th>
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<tbody>
<tr>
<td>Robert Reynolds</td>
<td>Art and Design</td>
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</tbody>
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| 3. SUBMITTED FOR AREA (include section, and subsection if applicable) | C.2 |

<table>
<thead>
<tr>
<th>4. COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)</th>
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<tbody>
<tr>
<td>ART 101 FUNDAMENTALS OF DRAWING</td>
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Analysis, History and Practice of the Art of Drawing. Drawing problems progress from simple geometric shapes to more sophisticated subject matter, expanding visual awareness. Lectures on historical methods and the importance of drawing. Development of individual techniques.

3 periods activity: 1 lecture

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<tr>
<th>5. SUBCOMMITTEE RECOMMENDATION AND REMARKS</th>
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<tbody>
<tr>
<td>3-2 against placing it in C.2.</td>
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<tr>
<td>3-2 in favor of placing it in C.3.</td>
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<tr>
<th>6. GE &amp; B COMMITTEE RECOMMENDATION AND REMARKS</th>
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<tr>
<td>6-3 in favor of placing it in C.2.</td>
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<tr>
<th>7. ACADEMIC SENATE RECOMMENDATION</th>
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To: George Lewis, Chair
Academic Senate General Education and Breadth Committee

From: John Harrington, Chair
Academic Senate GE&B Subcommittee for Area C

Subject: Recommendations for Area C Course Proposals

ART DEPARTMENT

Art 101
The subcommittee recommended 3-2 against allowing Art 101 in Area C.2, and 3-2 in favor of allowing Art 101 in Area C.3. (Both sets of votes included a positive vote from the Art Department representative.)

Those who voted against placing Art 101 in Area C.2 saw the proposal as not meeting the appropriate objectives outlined for Area C.2 (sections 2.E, 2.F, and 2.G of Guidelines in the Final Report on Area C). They viewed the course as marginal, not as strong as actual (or potential) Art History offerings, and lacking the “breadth” and the “exposure to concepts, ideas, and principles” recommended by the Chancellor’s Office. Three-fourths of the course content focuses on skills; the remaining one-fourth focuses on history and analysis. This inappropriate imbalance suggests a thin, superficial treatment of history and analysis.

Some subcommittee members found other problems: they wondered which teaching-team member was to be responsible for which area; who, for instance, would be responsible for grading the final examination? Moreover, the course’s historical perspective needs to be defined more clearly. Because of these problems and because the decision to place Art 101 in Area C establishes a crucial precedent for skills courses, some subcommittee members thought it more prudent to consider Art 101 for Area C after it had been taught a few times.
<table>
<thead>
<tr>
<th></th>
<th>PROPOSER'S NAME</th>
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<th>PROPOSER'S DEPT.</th>
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<tbody>
<tr>
<td>1</td>
<td>Crissa Hewitt</td>
<td>2</td>
<td>Art and Design</td>
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<tr>
<td>3</td>
<td>SUBMITTED FOR AREA (Include section, and subsection if applicable)</td>
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<td>C.2</td>
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<tr>
<td>4</td>
<td>COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)</td>
<td></td>
<td>Art.108 Fundamentals of Sculpture (4)</td>
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<td>Exploration of three-dimensional form through problems in modeling, casting, carving and techniques of assembly. Miscellaneous course fee required. 1 lecture, 3 activities.</td>
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<tr>
<td>5</td>
<td>SUBCOMMITTEE RECOMMENDATION AND REMARKS</td>
<td></td>
<td>5-0 against placing it in either C.2 or C.3.</td>
</tr>
<tr>
<td>6</td>
<td>GE &amp; B COMMITTEE RECOMMENDATION AND REMARKS</td>
<td></td>
<td>5-3-1 in favor of placing it in C.2.</td>
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<tr>
<td>7</td>
<td>ACADEMIC SENATE RECOMMENDATION</td>
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Art 108

The subcommittee recommended unanimously (5-0) against allowing Art 108 in Areas C.2 and C.3. (Both sets of votes included a negative vote from the Art Department representative.)

The subcommittee thought the proposal was not at the professional level of the proposal for Art 101; some members also saw the proposal as not meeting the appropriate objectives outlined for Area C.2 (sections 2.E, 2.F, and 2.G of Guidelines in the Final Report on Area C). They viewed the proposal as less strong than actual (or potential) Art History offerings, and thought it lacked the "breadth" and the "exposure to concepts, ideas, and principles" recommended by the Chancellor's Office. Three-fourths of the course content focuses on skills; the remaining one-fourth focuses on history and analysis. This inappropriate imbalance suggests a thin, superficial treatment of history and analysis.

The subcommittee agreed that, overall, the wording of the proposal was not clear. Moreover, it seemed uncertain which teaching-team members would be responsible for which area: who, for instance, would be responsible for grading the final examination? Furthermore, the course's historical perspective needs to be defined more clearly. Because of these problems, and because the decision to place Art 108 in Area C establishes a crucial precedent for skills courses, some subcommittee members thought it more prudent to consider Art 108 for Area C after it had been taught a few times.
1. **PROPOSER'S NAME**
   Charles W. Jennings

2. **PROPOSER'S DEPT.**
   Art and Design

3. **SUBMITTED FOR AREA (include section, and subsection if applicable)**
   TO BE DROPPED FROM C.2.

4. **COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)**
   ART 112 Survey of Art History (3 units)

5. **SUBCOMMITTEE RECOMMENDATION AND REMARKS**
   5-0 in favor of retention in C.2.
   
   The subcommittee recommended unanimously leaving Art 112 in Area C.2 until a stronger Art History course is placed in the GE&B requirements. (We suggested the Art History sequence—Art 211, 212, 213—as a replacement for Art 112.)

6. **GE & B COMMITTEE RECOMMENDATION AND REMARKS**
   9-0 in favor of retention in C.2.

7. **ACADEMIC SENATE RECOMMENDATION**
GENERAL EDUCATION AND BREADTH PROPOSAL

1. PROPOSER'S NAME
   William Little

2. PROPOSER'S DEPT.
   Foreign Languages

3. SUBMITTED FOR AREA (include section, and subsection if applicable)
   C.1

4. COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)
   FR 233 Critical Reading in French Literature (4 units)
   Selected readings from major Francophone authors that show the French literary tradition from the Middle Ages to the present in both France and other French-speaking countries. Includes works by Medieval, Renaissance, Classical, Romantic, post-Romantic, and twentieth century writers as Cretien de Troyes, Rabelais, Moliere, Voltaire, Flaubert, Proust, and Sartre. 4 lectures. Prerequisite: FR 202 or the equivalent.

5. SUBCOMMITTEE RECOMMENDATION AND REMARKS
   5-0 in favor of inclusion in C.1.*

6. GE & B COMMITTEE RECOMMENDATION AND REMARKS
   9-0 in favor of inclusion in C.1.*

7. ACADEMIC SENATE RECOMMENDATION

*NOTE: Recommendation contingent on approval for '88-'90 catalog.

This recommendation includes removing FR 101, 102, 103, 201, 202, and 203 from C.3.
GENERAL EDUCATION AND BREADTH PROPOSAL

1. PROPOSER'S NAME
William Little

2. PROPOSER'S DEPT.
Foreign Languages

3. SUBMITTED FOR AREA (include section, and subsection if applicable)
C.l

4. COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)
GER 233 Critical Reading in German Literature (4 units)
Selected readings from major German-speaking authors that show the German literary tradition from the Middle Ages to the present in both Germany and other German-speaking countries. Includes works by Medieval, Renaissance, Classical, Romantic, post-Romantic, and twentieth century writers as Wolfram von Eschenburg, Luther, Schiller, Goethe, Rilke, and Mann. 4 lectures.
Prerequisite: GER 202 or the equivalent.

5. SUBCOMMITTEE RECOMMENDATION AND REMARKS
5-0 in favor of inclusion in C.l.*

6. GE & B COMMITTEE RECOMMENDATION AND REMARKS
9-0 in favor of inclusion in C.l.*

7. ACADEMIC SENATE RECOMMENDATION

*NOTE: Recommendation contingent on approval for '88-'90 catalog.
This recommendation includes removing GER 101, 102, 103, 201, 202, and 203 from C.3.
1. **PROPOSER'S NAME**  
   William Little

2. **PROPOSER'S DEPT.**  
   Foreign Languages

3. **SUBMITTED FOR AREA (include section, and subsection if applicable)**  
   C.1

4. **COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)**  
   **SPAN 233 Critical Reading in Hispanic Literature (4 units)**  
   Selected readings from major Hispanic authors that show the Hispanic literary tradition from the Middle Ages to the present in both Spain and Latin America. Includes works by Medieval, Renaissance, Colonial, Realistic, and twentieth century authors as Juan Ruiz, Cervantes, Lope de Vega, Sor Juana Ines de la Cruz, Marti, Unamuno, Lorca, Neruda, and Borges. 4 Lectures. Prerequisite: SPAN 202 or equivalent.

5. **SUBCOMMITTEE RECOMMENDATION AND REMARKS**  
   5-0 in favor of inclusion in C.1.*

6. **GE & B COMMITTEE RECOMMENDATION AND REMARKS**  
   9-0 in favor of inclusion in C.1.*

7. **ACADEMIC SENATE RECOMMENDATION**

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*NOTE: Recommendation contingent on approval for '88-'90 catalog.

This recommendation includes removing SPAN 101, 102, 103, 201, 202, and 203 from C.3.*
## General Education and Breadth Proposal

<table>
<thead>
<tr>
<th>1. Proposer's Name</th>
<th>2. Proposer's Dept.</th>
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<tbody>
<tr>
<td>Roger Kenvin</td>
<td>Theatre and Dance</td>
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<tr>
<th>3. Submitted For Area (include section, and subsection if applicable)</th>
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<tr>
<td>C.3.</td>
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<tr>
<th>4. Course Prefix, Number, Title, Units, Description, Etc. (use catalog format)</th>
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<tbody>
<tr>
<td>DANC 321 History of Dance (3)</td>
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<tr>
<td>History of dance from prehistoric to modern times. 3 lectures.</td>
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<tr>
<th>5. Subcommittee Recommendation and Remarks</th>
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<tbody>
<tr>
<td>5-0 in favor of inclusion in C.3.</td>
</tr>
<tr>
<td>The subcommittee unanimously recommended the adoption of Dance 321 as an Area C.3. course providing a proper prerequisite is required. During discussions with Roger Kenvin, he indicated that the proper prerequisite should be TH 210-Introduction to Theater, and the subcommittee agreed.</td>
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<tr>
<th>6. GE &amp; B Committee Recommendation and Remarks</th>
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<tbody>
<tr>
<td>9-0 in favor of inclusion in C.3.</td>
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<tr>
<td>GE&amp;B's recommendation does not require a prerequisite.</td>
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<tr>
<th>7. Academic Senate Recommendation</th>
</tr>
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</table>
1. **PROPOSER'S NAME**  
James C. Daly

2. **PROPOSER'S DEPT.**  
Statistics Dept

3. **SUBMITTED FOR AREA** (include section, and subsection if applicable)  
B.2

4. **COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC.** (use catalog format)  
**STAT 130X** Introduction to Statistical Reasoning (3 units)  
A survey of statistical ideas and philosophy. Emphasis will be on statistical concepts rather than on in-depth coverage of statistical methods. Topics include reasons for sampling and experimentation, basic ways of exploring sets of data, study of chance phenomena, and rationale beyond drawing conclusions from data. Credit cannot be received for this course if a student has received credit for a previous statistics course.

5. **SUBCOMMITTEE RECOMMENDATION AND REMARKS**  
5-0 in favor of inclusion in B.2.  
The subcommittee felt that STAT 130X is a worthwhile alternative general education statistics course geared specifically for students not planning to take both quarters of the more traditional sequence found in STAT 211 and 212. By emphasizing concepts rather than methodology, the course should have its widest audience among nontechnical majors.

6. **GE & B COMMITTEE RECOMMENDATION AND REMARKS**  
9-0 in favor of inclusion in B.2.

7. **ACADEMIC SENATE RECOMMENDATION**
## GENERAL EDUCATION AND BREADTH PROPOSAL

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<tr>
<td>GE&amp;B Area B Subcommittee</td>
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<tr>
<th>3. SUBMITTED FOR AREA (include section, and subsection if applicable)</th>
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<tbody>
<tr>
<td>Revision of Area B</td>
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<th>4. COURSE PREFIX, NUMBER, TITLE, UNITS, DESCRIPTION, ETC. (use catalog format)</th>
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<tr>
<th>5. SUBCOMMITTEE RECOMMENDATION AND REMARKS</th>
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<tr>
<td>See attached Memo dated June 25, 1986 from Mueller to Lewis.</td>
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<tr>
<th>6. GE &amp; B COMMITTEE RECOMMENDATION AND REMARKS</th>
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<tr>
<td>9-0 concurs with Area B Subcommittee's recommendations.</td>
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<tr>
<th>7. ACADEMIC SENATE RECOMMENDATION</th>
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Memorandum

To: George Lewis, Chair
   GE&B Committee

From: Jim Mueller, Chair
   GE&B Subcommittee for Area B

Subject: Review of Area B Requirements

Date: June 25, 1986

Copies: GE&B Area B Subcommittee

During the past year the GE&B Area B Subcommittee has met to re-evaluate all courses in that distribution area. In arriving at the revised list of approved courses, we kept the following points in mind:

1. The general education component of a university education is not static, but rather is dynamically changing and should be under constant review. This viewpoint is consistent with the guidelines established by Executive Order 338 from the Chancellor's Office.

2. The previous Area B package was not consistent between Areas B1 and B2. Our revisions have sought to correct these differences.

3. The previous list of approved upper division courses was far too extensive. Many of these courses were so specialized as to have lost the "general" aspect of GE&B. As we have seen several times during the past year, this lack of a sharp delineation has encouraged certain departments to seek GE&B approval for courses outside of the basic sciences.

4. In some respects, the entire issue of upper division GE&B is a moot point, since in almost any conceivable case a student will have already satisfied the Area B requirements before reaching upper division status. Granted, there is an upper division distribution requirement for all of GE&B. We note, however, that all but 3 units of this requirement are satisfied by required courses from other distribution areas.

Our report consists of a revised statement of requirements for Area B and a summary list of courses which would be either excluded from or added to the presently approved list. In particular, we view the recommendations for the life sciences as tentative, with the possibility of additional deletions to be considered in the fall. The committee's desire is that the process of review continue by the solicitation of additional input from all departments in the School of Science and Mathematics.
Distribution Area B

A minimum of 18 quarter units to include inquiry into the physical universe and its life forms, with some immediate participation in laboratory activity, and into mathematical concepts and quantitative reasoning and their applications.

Distribution Area B1. Physical and Life Sciences

All students must complete a minimum of nine units from the approved list of courses in physical and life sciences, at least one course in each. At least one of the courses selected must include a laboratory.

(a) Physical Sciences

Courses may be selected as follows:

ASTR: Any lower division course
CHEM: Any lower division course except 106, 200, 252, 253
GEOL: Any lower division course except 211. 206 may be selected if GEOL 201 or 204 have been completed
PHYS: Any lower division course except 100, 134, 137, 200, 202, 206, 207, 256, 257
PSC: Any lower division course

Any 300 level physical science courses having one of the prefixes ASTR, CHEM, GEOL, PHYS, or PSC and having one of the above courses as a prerequisite may also be chosen, with the exception of CHEM 350, PHYS 315, PHYS 363.

(b) Life Sciences

Courses may be selected as follows:

BACT: Any lower division course
BIO: Any lower division course except 099, 100, 253, and 255
BOT: Any lower division course except 238
ZOO: Any lower division course except 237, 238, 239

Any 300 level life science courses having one of the prefixes BIO, BOT, or ZOO and having one of the above courses as a prerequisite may also be chosen, with the exception of BIO 312, 321, 342.


All students must complete a minimum of two courses in mathematics and statistics, at least one of which must be in mathematics.

(a) Mathematics

Courses may be selected as follows:

MATH 114  MATH 131
MATH 115  MATH 141
MATH 118  MATH 201
MATH 119  MATH 221
MATH 120  MATH 328
MATH 121

Any 100, 200, or 300 level MATH courses having one of the above as a prerequisite may also be chosen. MATH 327 is excluded.
(b) **Statistics**

Courses may be selected as follows:

STAT 211  
STAT 251  
STAT 321

Any 200 or 300 level STAT courses having one of the above as a prerequisite may also be chosen, with the exception of STAT 330.
Courses which would be deleted from Area B:

CHEM: 350, 435, 436, 439, 444
GEOL: 211
PHYS: 202, 315, 403, 406, 410, 412, 413, 421, 452, 456
BACT: 322, 333, 342
BIO: 312
MATH: 405, 408, 409, 412, 412, 413, 414, 419, 431, 432, 437, 442, 443, 444,
      506, 507, 508, 512, 513, 515, 516, 518
STAT: 415, 418, 421, 423, 425, 426, 427

Courses which would be added to Area B:

GEOL: 321
BACT: 224, 225
ZOO: 133
Memorandum

To: Lloyd Lamouria, Chair
   Academic Senate

From: Warren J. Baker
   President

Subject: ACADEMIC SENATE RESOLUTION REGARDING
         GENERAL EDUCATION AND BREADTH REQUIREMENTS
         CHANGES FOR THE 1988-1990 CATALOG
         (AS-250-87/GE&B)

This will acknowledge your memo of May 4 with which you transmitted
the actions of the Academic Senate of April 28 recommending changes
in General Education and Breadth requirements for the 1988-1990
catalog (AS-250-87/GE&B). In accordance with the recommendations of
the Academic Senate in 1984 relative to the administrative structure
for General Education and Breadth, I am forwarding these
recommendations to the Interim Vice President for Academic Affairs
Malcolm Wilson. The recommendations of the Academic Senate on this
issue will be considered within the context of the proposed changes
for the 1988-1990 catalog, and actions upon the recommendations will
be reported to the Academic Senate when that process has been
completed.
The following changes to General Education and Breadth are approved for the 1988-90 catalog:

Additions:

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<tbody>
<tr>
<td>ART 101</td>
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<tr>
<td>ART 108</td>
<td>C.2</td>
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<tr>
<td>ART 112</td>
<td>C.2</td>
</tr>
<tr>
<td>FR 233</td>
<td>C.1</td>
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<tr>
<td>GER 233</td>
<td>C.1</td>
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<tr>
<td>SPAN 233</td>
<td>C.1</td>
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<tr>
<td>DAN 321</td>
<td>C.3</td>
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<tr>
<td>STAT 130X</td>
<td>B.2</td>
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Deletions:

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<td>FR 101, 102, 103, 201, 202, and 203</td>
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Revision of Area B as per report of GE&B Area B Subcommittee (Mueller to Lewis, 25 June 1986).

I want to thank the GE&B Committee and its subcommittees for their attention to these matters.