**Course Change Proposal**

**Form A**

<table>
<thead>
<tr>
<th>Academic Group (College): Natural Sciences and Mathematics</th>
<th>Academic Organization (Department): Geography</th>
<th>Date: August 23, 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Course Proposal:</td>
<td>Department Chair: Robin E. Datel</td>
<td>Submitted by: Robin E. Datel</td>
</tr>
<tr>
<td>New ___ Change <em><strong>X</strong></em> Deletion ___</td>
<td>For Catalog Copy: Yes ___ No ___</td>
<td>Semester Effective: Fall ___ Spring ___ 2012</td>
</tr>
<tr>
<td>Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No ___</td>
<td>CCE (Extension): Yes ___ No ___</td>
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</table>

This course replaces experimental course Subject Area (prefix) and Catalog Nbr (course number): Yes ___ No ___

If changing an existing course, should new version be considered a repeat of the original version? If so, the same Course ID will be maintained. If not, a new Course ID will be assigned. Note: In PeopleSoft terminology, the Course ID is the unique system identifier, not the Catalog Nbr.

<table>
<thead>
<tr>
<th>Change from:</th>
<th></th>
<th>Change to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Area (prefix) &amp; Catalog Nbr (course no.): GEOG 105</td>
<td>Title: Computer Cartography</td>
<td>Units: 3</td>
</tr>
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<td>Title: Computer Cartography</td>
<td>Units: 3</td>
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**JUSTIFICATION:**

Students attempting GEOG 105, Computer Cartography, are much more likely to have success at it if they have had introductory GIS (GEOG 109). This is a much more relevant prerequisite than passing the ELM.

**NEW COURSE DESCRIPTION:** (Not to exceed 80 words, and language should conform to catalog copy. See http://www.csus.edu/umanual/acad.htm - Guidelines for Catalog Course Description)

Retain existing course description; see below for changes to the prerequisites.

**Note:**

Prerequisite: Passing score on ELM exam recommended. Seeks to add: GEOG109 or instructor permission
Enforced at Registration: Yes ___ No ___
Corequisite: Enforced at Registration: Yes ___ No ___
Graded: Letter ___X___ Credit/No Credit ___
Instructor Approval Required? Yes ___ No ___
Course Classification (e.g., lecture, lab, seminar, discussion): C4, Discussion 04; and C15, Lab 15
Title for CMS (not more than 30 characters) Computer Cartography
Cross Listed? Yes ___ No ___ X_
If yes, do they meet together and fulfill the same requirement, and what is the other course?
How Many Times Can This Course be Taken for Credit? ___
Can the course be taken for Credit more than once during the same term? Yes ___ No ___ X_
FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: “Students will be able to: 1), 2), etc.” See the example at http://www.csus.edu/acaf/example.htm

N/A – nonsubstantive change

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs.

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

N/A nonsubstantive change

For whom is this course being developed?
Majors in the Dept. X___ Majors of other Depts ___ Minors in the Dept. X___ General Education ___ Other ___
Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes ___ No ___ X___
If yes, identify program(s):

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes ___ No ___ X___
If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any).

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Accessibility: Following course approval, and prior to the start of the semester in which the new or revised course will be taught for the first time, an accessibility checklist [available at http://www.csus.edu/accessibility/checklist.html] shall be completed and submitted to the appropriate Dean's office. An accessible syllabus shall also be made available online, preferably prior to the start of that semester’s open registration period.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:______________________________ Date:

<table>
<thead>
<tr>
<th>Department Chair:</th>
<th>Bob ___________ Date: 9/21/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Dean or Associate Dean:</td>
<td>___________ Date: 9/21/11</td>
</tr>
<tr>
<td>CPSP (for school personnel courses ONLY)</td>
<td></td>
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<tr>
<td>Associate Vice President and Dean for Academic Programs</td>
<td></td>
</tr>
</tbody>
</table>

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.

5/20/2010