Form A

Academic Affairs - Course Proposal


Academic Unit: EDLP

Department Chair: Dr. Edmund Lee

Type of Course Proposal:

New x Change Deletion

Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes No x

For Catalog Copy: Yes x No  CCE: Yes No x

Date: September 18, 2006

Semester Effective: Fall X Spring 2007

Prefix &No. EDD 606 Title: Quantitative & Qualitative Research Methods II Units: 3

Change to:

Prefix &No. Title: Units:

JUSTIFICATION:

Doctoral candidates must be grounded in research methodology in order to understand research and complete their independent research. Enhanced understanding of quantitative and qualitative research methods is the next step in solidifying the candidate's abilities to comprehend research studies and conduct independent research.

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

This course will introduce educational leaders to concepts in qualitative, quantitative, and mixed-methods research in preparation for conducting independent research. This course will enable students to critically understand research methodology and apply it appropriately to various educational issues. Course topics will include the framing of research questions, identifying data and data sources, and using theory in the design process. This course will enable educational leaders to critically understand research methodology and apply it appropriately and effectively to educational issues.

Note:

Prerequisite: Admissions into the CSUS Ed. D. in Educational Leadership Program

Corequisite:

CAN (California Articulation Number):

Graded: Letter x Credit/No Credit Instructor Approval? Yes x No

Course Classification: C-05 Title for SIS+ (not more than 25 characters) Research Methods II

Cross Listed? Yes No x

If yes, with what course:

How Many Times Can This Course be Taken for Credit? Once
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

Students will be able:
1. Understand the importance of the “front end” of the research process
2. Understand the strengths and weaknesses of qualitative, quantitative, and mix-methods research methodologies
3. Appreciate the use of literature in developing sound research question
4. Understand the principles of survey and interview protocol design
5. Appreciate the use of theory in the research design process
6. Understand key methods of assessing research reliability and validity
7. Understand how to find and use archival data
8. Appreciate some of the ethical considerations applicable to social science research
9. Develop skills for effective research presentation

**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:

Students will be assessed and graded by their:
1. Class attendance and active participation in class discussions – 10%
2. Development of a Group project that captures foundational and ethical research design concepts – 20%
3. Written critiques of qualitative, quantitative research methodologies – 30%
4. Development of a final research prospectus related to a major educational issue – 35%
5. Presentation of prospectus – 5%

For whom is this course being developed?
Students in the CSUS Ed.D in Educational Leadership

 Majors in the Dept. _______ Majors of other Depts _______ Minors in the Dept. _______ General Education _______ Other X

 Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes X No ______

 If yes, identify program(s): CSUS Ed.D in Educational Leadership

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.
### 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.

<table>
<thead>
<tr>
<th>Signatures:</th>
<th>Date</th>
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<tbody>
<tr>
<td>Department Chair:</td>
<td>9/18/2006</td>
</tr>
<tr>
<td>College Dean or Associate Dean:</td>
<td>9/18/2006</td>
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<td>CPSP (for school personnel courses ONLY)</td>
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<td>Associate Vice President and Dean for Academic Programs</td>
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Distribution: Academic Affairs (original), Department Chair and College Dean. Dean’s office to send original after approval to Jerri McAtee, at zip 6016. An electronic copy must also be sent to mcateriff@csus.edu.

### Topics:
- Research design
- Qualitative research design elements
- Quantitative research design elements
- Mixed-methods research design elements
- Theoretical frameworks
- Data sets
- Data sources
- Validity and reliability
- Sampling
- Ethics in research
- Critical reading of educational research

### Readings:


Students will also be expected to identify and read research journal articles pertinent K-12 and higher education/community colleges as well as utilized relevant website for P-12 and community college data.