Course Inventory Change Request

New Experimental Course Proposal

Date Submitted: 11/11/15 9:04 am

Viewing: GR ST 590X : Center for the Integration of Research, Teaching and Learning Special Topics

Last edit: 11/11/15 9:04 am
Last edited by: melig
Changes proposed by: melig

Department: Graduate Studies (GR ST)
Catalog Year: 2015-2016
First Expected Offering Term: Spring
Instructor: Holly Bender
Title: Center for the Integration of Research, Teaching and Learning Special Topics
Transcript Title: CIRTL

Major Teaching Department: GR ST

Cross Listed Courses

Credit Hour Details

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Variable</td>
<td>1-3</td>
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Grading Method: A-F

Instruction Type: Independent Study
Contact Hours per Week: VAR

Repeatable?: Yes
Maximum Repeat Options:

Semesters Offered

Fall: Yes
Spring: Yes
Summer: Yes

Prerequisites: Permission of instructor.
Description

Study in topics providing academic professional development through the Center for the Integration of Research, Teaching and Learning.

Graduation Restrictions

<table>
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<tr>
<th>Meets U.S. Diversity Requirement</th>
<th>Meets International Perspectives Requirement</th>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
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Syllabus & Supporting Documentation

Reason for proposal (programmatic justification, need for course, intended use, etc.)

Offerings from the Center for the Integration of Research, Teaching and Learning were previously offered as a sub-section of Gr St 588 but this has lead to confusion with the on-campus Gr St 588 so a different course number is needed.

Course outcomes/objective

This course will allow students to participate in CIRTL programming for credit. Programmatic offerings include online courses in teaching and future faculty professional development, particularly for teaching in STEM fields as well as conducting teaching-as-research projects.

Course content/major topics to be addressed (attach syllabus if required by your college/department)

Variable per the CIRTL course or project. Current courses may be viewed here: http://www.cirtl.net/courses/semesterofferingscurrent and include the following topics:

- Teaching with Technology
- Diversity in the College Classroom: Teaching the STEM Undergraduate
- Service-Learning in STEM Classrooms: Introduction to Pedagogy and Practice
- Developing a Teaching Portfolio
- Creating Assessments and Evaluation Plans (Short Course)
- Students Reading Real Science: Bringing Primary Literature into the Undergraduate Classroom (Short Course)
- CIRTL MOOC: An Introduction to Evidence-Based Undergraduate STEM Education

Assessment Plans:
Mechanism for assessing student mastery of course outcomes/objectives

Student work will be tracked by the instructor of the CIRTL course and reported to CIRTL central. The earned grade will then be reported to the instructor of record here at ISU (Holly Bender).

Relationship of this course to existing courses in other departments and programs (supporting, overlap, etc.)

New.

Results of consultation with relevant departments

Consultation with Judy Strand revealed we should have three sections of this course A, B, C:

Short title: GR ST 590 CIRTL
and programs

Long title: GR ST 590 Center for the Integration of Research, Teaching and Learning Special Topics
Description: Cr. 1-3. Repeatable. F.S. Prereq: Permission of instructor. Study in topics providing academic professional development through the Center for the Integration of Research, Teaching and Learning.
Meets: 1/11/2016 – 05/06/2016

Gr St 590A CIRTL PEDAGOGY
Additional description: Topic: Pedagogy.
Gr St 590B CIRTL PROF DEV
Additional description: Topic: Professional Development.
Gr St 590C CIRTL TAR
Additional description: Topic: Teaching-As-Research.

Course reviewer comments

Key: 604