Judy,

CIRTL has a curriculum committee that maintains the standards for the network. The courses are taught by faculty at CIRTL member Ph.D.-granting institutions such as Cornell, Boston University, Vanderbilt etc. and these faculty recommend an amount of credit to be accepted for a course—it is up to each institutional member of the network (ISU etc) if they will accept that recommendation. Institutional co-leaders (Craig Ogilvie and Karen Bovenmyer) have access to the course information and can decide if a CIRTL course being offered is of sufficient academic rigor to be awarded graduate credit via ISU.

As a contributing member of CIRTL, Iowa State is very much an active member of this network and has input into courses offered and what those courses contain.

Does that help?

--
Karen Bovenmyer, MFA
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Institutional Co-leader, Center for the Integration of Research, Teaching and Learning
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Thanks,
Judy

From: Bovenmyer, Karen M [CELT]
Sent: Friday, January 08, 2016 3:33 PM
To: Strand, Judith K [G COL] <jstrand@iastate.edu>; Bender, Holly S [CELT] <hbender@iastate.edu>
Cc: Guddall, Ann A [G COL] <aguddall@iastate.edu>
Subject: Re: Sections for Gr St 588? Gr St 590?

Judith, how should we proceed, since we will not be able to attend Tuesday’s meeting?

--
Karen Bovenmyer, MFA
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From: Karen Bovenmyer <melig@iastate.edu>
Date: Tuesday, December 8, 2015 at 3:40 PM
To: "Strand, Judith K [G COL]" <jstrand@iastate.edu>, Holly Bender <hbender@iastate.edu>
Cc: "Guddall, Ann A [G COL]" <aguddall@iastate.edu>
Subject: Re: Sections for Gr St 588? Gr St 590?

Oops—Holly and I are teaching Gr St 586 during that time (Tuesdays Jan 12-April 26 from 3-6pm).

--
Karen Bovenmyer, MFA
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From: Karen Bovenmyer <melig@iastate.edu>
Date: Tuesday, December 8, 2015 at 10:49 AM
To: "Strand, Judith K [G COL]" <jstrand@iastate.edu>, Holly Bender <hbender@iastate.edu>
Great, we will attend.
--
Karen Bovenmyer, MFA
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Karen and Holly,
The GCCC discussed the requests for classes last week. They would like Holly to attend the meeting in January and provide more about the CIRTL classes and how they are evaluated to be used as ISU classes. The next meeting will be January 12, 3:30 p.m. in 1102 Pearson Hall. I’ll send you a notice closer to the meeting date.

Thanks,
Judy

Hi Ann and Judith,

I have students wanting to sign up for CIRTL credits for Gr St 588—do we have a status on creating Gr St 590 for CIRTL credits? Or should I register them for Gr St 588? Do you have which section is which for Gr St 588?
--
Karen Bovenmyer, MFA
The information I found talks mostly about establishing a network of universities for professional development related to STEM teaching and research. They also talk about utilizing the MOOC network to do this. Nothing mentions graduate credit.


Here's a snip-it.

The mission of the Center for the Integration of Research, Teaching and Learning (CIRTL) is: To enhance excellence in undergraduate education through the development of a national faculty committed to implementing and advancing effective teaching practices for diverse learners as part of successful and varied professional careers. In short, CIRTL seeks to produce a national STEM faculty who are both skilled researchers and excellent teachers, and who will be able to succeed at their desired balance of the two in careers across the landscape of higher education. To fulfill this mission, CIRTL has developed, implemented, and evaluated successful strategies for preparing future faculty for careers that integrate research, teaching, and learning. Three core ideas (www.cirtl.net/CoreIdeas) provide the conceptual framework for all that CIRTL does: • Teaching-as-Research (TAR) is the deliberate, systematic, and reflective use of research methods by STEM instructors to develop and implement teaching practices that advance the learning experiences and outcomes of all students. • Learning Communities (LC) bring together groups of people for shared learning, discovery, and generation of knowledge. To achieve common learning goals, a learning community nurtures functional relationships among its members. • Learning-through-Diversity (LtD) capitalizes on the rich array of experiences, backgrounds, and skills among STEM undergraduates and graduates-through-faculty to enhance the learning of all. It recognizes that excellence and diversity are necessarily intertwined. The CIRTL Network connects universities building on the CIRTL ideas to prepare the national STEM faculty. Shared ideas among Network universities allow each institution to more rapidly advance opportunities and effectively use resources. Shared learning of Network graduate students better prepares them for the diverse teaching and research settings that they will encounter in their careers. And shared action better positions Network universities for funding and national impact. Each university in the CIRTL Network (www.cirtl.net) develops, implements, and evaluates a local CIRTL learning community and associated programs for STEM future faculty on its campus. These learning communities all share the CIRTL core ideas, but each is uniquely innovative in ways that reflect the wide variety of campus cultures, missions, students and circumstances. The local learning communities are the foundation of all that is CIRTL. Each university also contributes to a cross-Network learning community. These programs allow the future faculty on every campus to draw on the rich diversity of the Network universities. Much of this cross-Network learning community happens online, and we envision steadily expanding connectivity of CIRTL Network future faculty to the entire landscape of undergraduate institutions.
From: Graves, William R [G COL]
Sent: Wednesday, November 11, 2015 1:48 PM
To: Strand, Judith K [G COL]
Subject: Re: Adding Gr St 590A,B,C for Spring 2016

Judy,

I share your concerns. I thought CIRTL offered professional-development opportunities that students could participate in voluntarily as an option to broaden their backgrounds. I was not aware of the intent to give Iowa State credit for CIRTL programming. In that sense, I see CIRTL as different from GP-IDEA. It sounds like the instructor of record will have no direct involvement in the determination of a grade, which seems wrong. I totally agree with each of your concerns. You might check the CIRTL website just to see how they are describing what the offer. Do they claim that their workshops lead to graduate credit from participating schools? I would not want to see GCCC approve this without very strong scrutiny.

Bill

William R. Graves
Associate Dean - Graduate College
1137 Pearson Hall, Iowa State University
Ames, IA 50011-2206

From: <Strand>, "Judith K [G COL]" <jstrand@iastate.edu>
Date: Wednesday, November 11, 2015 at 1:40 PM
To: "Graves, William R [G COL]" <graves@iastate.edu>
Subject: Adding Gr St 590A,B,C for Spring 2016

Bill,

I had a few questions after looking at this Experimental Course request. I plan on running it by GCCC, but wanted to get your input, if you have time. If not, I’ll check with GCCC.

1. I don’t have a lot of knowledge about CIRTL, so this may be OK, but the statement, “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),” concerned me.
2. When I looked up the link to the classes, some of them said, “Not available for credit” but they are listed in the choices students can choose for ISU credit. Some are marked “optional credit”
3. One of the CIRTL classes is a MOOC, available for anyone to take.
4. I’m not sure these classes should be offered for grades, A – F.

Thanks,

Judy Strand
Graduate College
1137 Pearson Hall
Iowa State University

jstrand@iastate.edu
515-294-5285

From: Bovenmyer, Karen M [CELT]
Sent: Wednesday, November 11, 2015 9:05 AM
To: Huisebus, Char [REC]
Thank you very much. I have submitted the proposal (as pasted below).

**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**

**Dual Listed Course**

**Credit Hour Details**

- **Grading Method**: A-F
- **Instruction Type**
- **Repeatable?**: Yes
- **Credit Type**: Variable

**Semesters Offered**

- **Fall**: Yes
- **Spring**: Yes

**Instruction Type**

- **Independent Study**: VAI
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

Meets U.S. Diversity Requirement: No

Meets International Perspective: No

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 part of Gr St 588 but this has lead to confusion with the on-campus Gr St 588 so a different course number was selected.

Course outcomes/objective: This course will allow students to participate in CIRTL programming for credit. Programatic courses in teaching and future faculty professional development, particularly for teaching in STEM 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 STEM Classrooms: Introduction to Pedagogy and Practice, Developing a Teaching Portfolio, Evaluation Plans (Short Course), Students Reading Real Science: Bringing Primary Literature Classroom (Short Course), CIRTL MOOC: An Introduction to Evidence-Based Undergraduate

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

Short title: GR ST 590 CIRTL
Long title: GR ST 590 Center for the Integration of Research, Teaching and Learning Special Description: Cr. 1-3. Repeatable. F.S. Prereq: Permission of instructor. Study in topics provide 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

--

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From: "Hulsebus, Char [REC]" <rchulse@iastate.edu>
Date: Wednesday, November 11, 2015 at 8:53 AM
To: Karen Bovenmyer <melig@iastate.edu>
Cc: "Strand, Judith K [G COL]" <jstrand@iastate.edu>, "Berg, Kara J [REC]" <kjberg@iastate.edu>
Subject: RE: Adding Gr St 590A,B,C for Spring 2016

Hello Karen:
Since GR ST 590 is not in the catalog, it must be submitted to the experimental course system https://nextcatalog.registrar.iastate.edu/cimx/. You will need your ISU net ID and password to sign in. The approval workflow includes Bill Graves, associate dean of the Graduate College.

You can edit GR ST 588 for the 2017 catalog starting February 2016. More information about catalog editing is available from http://www.registrar.iastate.edu/catalog-editing

Let me know if you have additional questions.

Char
Dear Char,

In coordination with the Graduate College, we would like to add the following Gr St 590ABC courses to the catalog.

Short title: GR ST 590 CIRTL
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.

These courses will replace having three sections of Gr St 588, which we would like to reduce to one section.

Thanks very much for your time,

Karen

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Institutional Co-leader, Center for the Integration of Research, Teaching and Learning
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