

Foundational Content – Area Two (FC2) – Physical and Natural World

Description:

“Students will demonstrate knowledge of the physical and natural world and how to produce and apply that knowledge in a variety of settings.”

Intended Learning Outcomes:

Students will demonstrate:

1. knowledge of scientific content and principles in a discipline or interdisciplinary field within the natural and physical sciences.
2. proficiency in the application of the scientific method.
3. ability to use scientific terminology and quantitative reasoning appropriately.
4. understanding of the process of science as an intellectual pursuit.

Course Guidelines:

1. Courses must focus on scientific content and principles in a disciplinary or interdisciplinary field within the natural and physical sciences.
2. This course must include a lab that includes projects and/or hands-on experiments.

Application for Inclusion in the General Education Curriculum

Area: FC2 Physical and Natural World

Course:

Contact Person:

Proposing Department:

Attach to this form the following:

1. Syllabus.
2. Narrative that explains how the proposed course addresses the description, learning outcomes and course guidelines.
3. Typically these courses will reflect the natural sciences (SCI/GEOL/PHYS/CHEM/BIO). Describe how the primary focus of this course speaks to that tradition and satisfies GERTA and if applicable common course numbering.

Area specific details:

FC2 requires students to demonstrate knowledge of the physical and natural world and of how to produce and apply that knowledge in a variety of settings.

These courses may also count for up to two outcome based skills. These courses will have to apply separately to certify for outcome based skills.

General Education Approval Tracking Form

As of 26 January 2014

Course Subject and Number: _____ Number of Credits: _____

Course Title: _____

Check only one of the topic areas below. If a course is going to meet more than one topic area below please use a separate form for each topic area.

Required Core

- ENGL 110
- ENGL 120
- COMM 110
- MATH
- INT 110/310

Critical Capacities (CCS) Skills

- CCS1 Problem Solving
- CCS2 Information Literacy
- CCS3 Critical Reading
- CCS4 Quantitative Literacy
- CCS5 Oral/Written Communications
- CCS6 Collaboration

Foundational Content

- FC1 Arts & Humanities
- FC2 Lab Science
- FC3 Social Science
- FC3 History

Personal and Social Responsibility (PSR)

- PSR1 Relationships and Value Systems
- PSR2 Responding to Community Needs
- PSR3 Individual Well-Being

Interconnecting Perspectives (IP)

- IP1 Knowledge
- IP2 Experience

Form Submitter: _____

General Education Chair Signature and Date

Faculty Senate Secretary Signature and Date

Vice President of Academic Affairs Signature and Date