

Critical Competency: Problem Solving (CC 1)

Description:

Students will demonstrate the ability to raise vital questions and problems, formulating them clearly and precisely.

Intended Learning Outcomes:

Students will ...

1. identify concepts, knowns, and unknowns.
2. determine constraints.
3. organize information and conceptualize the problem.
4. determine criteria for successful resolution of the problem.
5. gather and read information.
6. develop alternatives.
7. weigh benefits and costs of each alternative.
8. identify barriers to possible solutions.
9. select an ultimate solution.
10. identify a process for implementing a solution.
11. isolate outstanding problems with implementing a solution.
12. evaluate the success of a solution.
13. clarify continued areas of concern.

Course Guidelines:

1. The course must provide students with the knowledge and tools useful for tackling tasks which require problem solving.
2. The course must focus on the problem-solving process itself and not simply the attainment of an end-product.
3. The course must contain assignments that require the implementation of the problem-solving skills enumerated above.

Application for Inclusion in the General Education Curriculum

Area: CC 1 Problem Solving

Course:

Contact Person:

Proposing Department:

Attach to this form the following:

1. Core syllabus ***common to all sections of the proposed course.***
2. Narrative that explains how the proposed course addresses the description, learning outcomes, and course guidelines.

General Education Approval Tracking Form

as of 7 February 2022

Course Subject & Number: _____ Number of Credits: _____

Course Title: _____

If a course is going to meet more than one topic area below, please use a separate form for each topic area.

Required Core

___ MATH___

Critical Competencies (CC)

- ___ CC 1 Problem Solving
- ___ CC 2 Information Literacy
- ___ CC 3 Critical Reading
- ___ CC 4 Quantitative Literacy
- ___ CC 5 Oral/Written Communication
- ___ CC 6 Collaboration
- ___ CC 7 Cultural and Community Awareness
- ___ CC 8 Experience
- ___ CC 9 Individual Well-Being

Form Submitter:

General Education Chair

Date

Faculty Senate Secretary

Date

Vice President of Academic Affairs

Date