Critical Competency: Quantitative Literacy (CC 4)

Description:

Students will demonstrate the ability to interpret and work with numerical data.

Intended Learning Outcomes:

Students will ...

1. examine and interpret quantitative symbols and data.
2. evaluate patterns and interactions.
3. apply context and the limitations of data.
4. comprehend, critique, and formulate quantitative arguments for decision making.
5. frame a problem mathematically.
6. organize data effectively.
7. know methods for analyzing data and solving problems quantitatively.
8. interpret and communicate results.

Course Guidelines:

1. The course must provide students with the knowledge and skills useful for interpreting numerical data and solving problems quantitatively.
2. The course must require students to complete assignments which require them to analyze quantitative information and identify any limitations and biases of that information.

Application for Inclusion in the General Education Curriculum

Area: CC 4 Quantitative Literacy

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