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ABE 80- Pre-College Math I- Jannette Harrington- Winer 2024

* Part A: Your Plan **DIRECTIONS** 1. Choose three of your course outcomes to assess and report on this term (these will also be used in your Student Course Evaluation survey): Outcome #1

Using the T130-XS calculator, apply common math skills to real life problems involving whole and rational numbers.

* Outcome #2

Interpret charts, graphs and data to answer real life mathematical problems.

* Outcome #3

Solve measurement and common geometry problems through the use of mathematical procedures including technology.

Have you completed an assessment for this course prior to this term?

Yes

If yes, are you assessing different outcomes?

No

Comments:

(No response)

2. To which degree(s) or certificate(s) does your course map? **Degree, Certificate, & Program Outcomes**

Pre-College Program

* Method of Assessment 3. What methods will be used to assess individual student understanding of each of these outcomes? (Please be specific.) Outcome #1: Method to assess student understanding

Outcome #1 – Method of assessment

Test – During approximately the middle of the term, students, while using a calculator, will take a test, composed of 20 written mathematical problems. 70% accuracy – If criteria is not met, student will assess his/her weaknesses, then study and take another test that is composed of similar questions.

*** Outcome #2: Method to assess student understanding**

Outcome #2 – Method of assessment

Project – Students will pose a personal question on which they can collect daily data. At the end of two weeks, data will be graphed and interpreted.

*** Outcome #3: Method to assess student understanding**

Outcome #3 – Method of assessment

After completion of a hypothetical room remodel, students will take a test that includes 4 written questions concerning area, perimeter, and volume. – 75% accuracy

*** 4. How will you know if you were successful in your efforts to teach this outcome? Outcome #1:**

A minimum of 70% of the students tested will receive a score of 70% or better.

*** Outcome #2: How will you know if you were successful in your efforts to teach this outcome?**

A minimum of 70% of submitted projects will be completed as assigned.

*** Outcome #3: How will you know if you were successful in your efforts to teach this outcome?**

A minimum of 70% of the students tested will receive a score of 75% or better.

5. Instructor Questions: Create two course specific questions to be included on the Student Course Evaluation. Question #1

Outcome #1 Having completed this course, are you now better able to correctly answer written math problems, using a calculator, than you were three months ago? Answers: Not at all A little bit Much better I already knew this stuff

Question #2

Outcome #3 Having completed this course, are you now better able to correctly answer measurement and geometry problems? Answers: Not at all A little bit Much better I already knew this stuff

Do you require the names of students who complete the course evaluation survey? (Please note: names will be sent to instructors the Thursday before term ends)

NO

Reminder, when completing Part B, instructors will be asked the following questions: Describe anything you did to assist the institutional effort to support students in improving achievement of the specified criteria for the following Institutional Learning Outcomes (ILO): 1. ILO#1 - Communication - "Content Development" and/or "Control of Syntax and Mechanics" 2. ILO#2 - Critical Thinking/Problem Solving - "Evidence" and/or "Identify strategies" 3. ILO#4 - Cultural Awareness - "Openness" (Encouraging our students to "Initiate and develop interactions with culturally different others") 4. ILO#5 - Community and Environmental Responsibility - "Understanding Global Systems" and/or "Applying Knowledge to Contemporary Global Contexts" 5. ILO#3 - Quantitative Literacy - "Application/Analysis" and/or "Assumptions"

(No response)