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MTH 95- Intermediate Algebra- Annette Byers- Part A- Spring 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**

Formulate and solve problems in one variable using quadratic, rational and radical equations as models.

*** Outcome #2**

Recognize the connection between graphs and algebra and solve problems both symbolically and graphically.

*** Outcome #3**

Communicate results mathematically and in writing.

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

Not Sure, GENERAL EDUCATION

*** 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**

Complete Midterm #2 which has a specific section for using the correct method to solve quadratic, rational and radical equations

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

Complete Project #8. Graph and label 8 different graphs. Compare and contrast the graphs.

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

Complete Project 3. Write and share mixture and distance story problems.

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

Student earns a 70% or higher on Midterm #2.

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

Student earns a 70% or higher on Project 8. Score is based on completed graphs and correctly labeling the type of graph.

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

Student earns a 70% or higher on Project #3. Student will be able to discuss their story problems with a small group and correctly solve the problems.

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

Explain which assignments helped you understand the material.

Question #2

Was the amount of work appropriate for the class? Explain .

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)