

Course Assessment - Part A: Your Plan

COMPLETE

#543

Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, contact the Curriculum and Assessment Administrative Assistant, 541-506-6037 or swade@cgcc.edu.

MTH 98- Quantitative Math- Annette Byers- Fall 2021

*** 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**

Solve problems using percent, ratios, formulas, and real numbers.

*** Outcome #2**

Communicate results using words, tables, graphs, and mathematical equations as appropriate.

*** Outcome #3**

Compute and interpret standard deviation, mean, median, and weighted mean, normal distribution.

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

Yes

If yes, are you assessing different outcomes?

Yes

Comments:

Would like to assess students interpretation and communication of data using words, tables, graphs and equations.

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

Associate of Arts Oregon Transfer Pathway - Elementary Educator, Associate of Applied Science - Early Childhood Education , Early Childhood Education Curriculum Certificate, Manufacturing Certificate, GENERAL EDUCATION, Medical Assisting Certificate, Early Childhood Educator Fundamentals Certificate, ENGINEERING, MANUFACTURING & INDUSTRY

*** 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**

Application project using ratio, proportion, and percent to solve problems, write original problems, and interpret advertisements using these concepts.

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

Pie chart project of time spent doing activities during a week. Graphing a story project.

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

Using a spread sheet or Google sheets to calculate the mean, median, mode, standard deviation, of a set of data. Interpreting the data for evidence of a normal curve.

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

Student score of 80% or better.

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

Student score of 80% or better.

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

Student score of 80% or better.

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

Which topic would you like to explore further in Math 98? (percent applications, algebra, geometry, statistics, or other)

Question #2

Please explain how the final project criteria could be improved .

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 - "Student Position" and/or "Evaluate Potential Solutions" 3. ILO#4 -Cultural Awareness - "Curiosity" (Encouraging our students to "Ask deeper questions about other cultures and seek out answers to these questions") 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)