
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 212- Foundations of Elementary Mathematics I - Annette Byers- Part A- Winter 2025

*** 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**

Extend mathematical content knowledge, including: operations involving fractions, decimals, ratio, proportion, percent, integers, and introductory statistics and probability.

*** Outcome #2**

Apply various problem-solving strategies to create mathematical models that will help analyze real world scenarios which focus on fractions, decimals, percent, and statistics.

*** Outcome #3**

Provide examples of mathematical problems which use fractions, decimals, percent, and statistics that strengthen the ability to reason, reflect, observe and engage more deeply in mathematical thinking.

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

Yes

If yes, are you assessing different outcomes?

Yes

Comments:

(No response)

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

EDUCATION & HUMAN SERVICES, Associate of Arts Oregon Transfer Pathway - Elementary Educator, Associate of Applied Science - Early Childhood Education , 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**

Quiz ch. 5 and 6

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

Ch. 7 Project

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

Reflective Writing Assignment #3

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

Students will pass the quiz with a 70% or higher score.

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

Students will complete, discuss, and score Project #7.

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

Students will score a 9/12 or better on the Reflective Writing Assignment #3.

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

Please explain how the presentation of the material for Math 212 has helped you better understand fractions, decimals, percentages and beginning statistics. Please add ideas or comments that could help the instructor improve the course.

Question #2

What was your favorite topic or assignment for Math 212?

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 5. ILO#3 - Quantitative Literacy - "Application/Analysis" and/or "Assumptions"

3. Focus on different cultures and math history.