Clackamas Community College

Online Course/Outline Submission System

| Print | Edit | Delete | Back |

| Reject | Publish |

Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Ellis
Last Name: Meuser
Phone: 3400
Email: ellism

Course Prefix and Number:MTH - 020D

 # Credits:1

Contact hours

Lecture (# of hours): 11
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 11

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Geometry and Averages

Course Description:

This course presents concepts of and functions relating volume, mean, measures of central tendency, coordinate geometry, graphing, data presentation, and Pythagorean theory.

Type of Course: Developmental Education

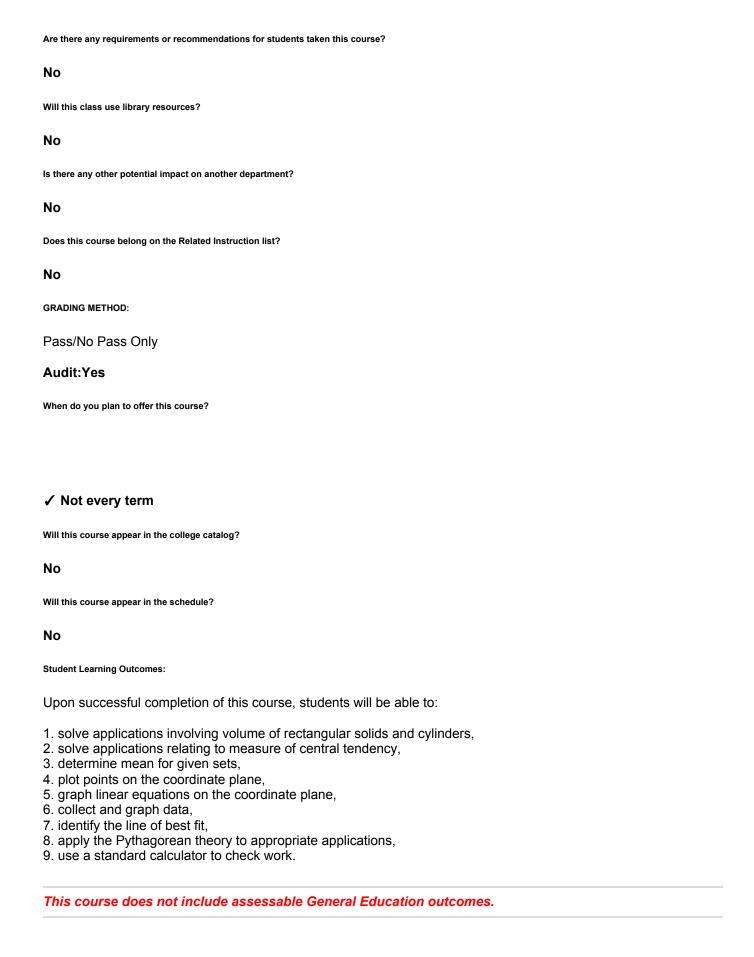**Can this course be repeated for credit in a degree?**

No

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

Pass/No Pass Only

Audit:Yes

When do you plan to offer this course?

✓ Not every term

Will this course appear in the college catalog?

No

Will this course appear in the schedule?

No

Student Learning Outcomes:

Upon successful completion of this course, students will be able to:

1. solve applications involving volume of rectangular solids and cylinders,
2. solve applications relating to measure of central tendency,
3. determine mean for given sets,
4. plot points on the coordinate plane,
5. graph linear equations on the coordinate plane,
6. collect and graph data,
7. identify the line of best fit,
8. apply the Pythagorean theory to appropriate applications,
9. use a standard calculator to check work.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Volume of rectangular solids and cylinders.
2. Measure of central tendency.
3. Mean.
4. Coordinate plane.
5. Collect and graph data.
6. Pythagorean theory to appropriate applications.
7. Applications.

Does the content of this class relate to job skills in any of the following areas:

1. Increased energy efficiency   **No**
2. Produce renewable energy   **No**
3. Prevent environmental degradation   **No**
4. Clean up natural environment   **No**
5. Supports green services   **No**

Percent of course:0%

First term to be offered:

Next available term after approval
: