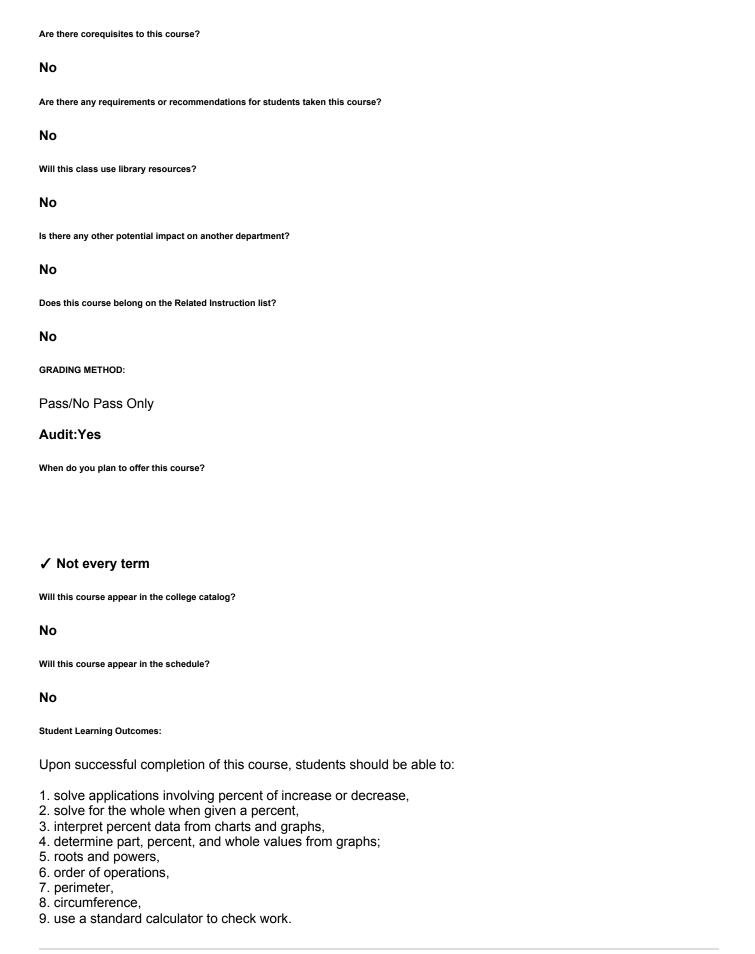
Clackamas Community College

Online Course/Outline Submission System

Show changes since last approval in red Reject Publish Section #1 General Course Information
Department:Mathematics
Submitter
First Name: Ellis Last Name: Meuser Phone: 3400 Email: ellis
Course Prefix and Number:MTH - 020B
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:Percents, Powers, and Geometry
Course Description:
This course is designed to provide students with the skills and practice necessary to solve multiple step percent applications, interpret visual percent data, understand roots and powers, order of operation, perimeter, and circumference. Instruct students how to use a calculator to check work.
Type of Course:Developmental Education
Can this course be repeated for credit in a degree?
No
Are there prerequisites to this course?
No



This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Review fractions, decimals, and percent values.
- 2. Review converting fractions, decimals and percents.
- 3. Applications involving percent of increase or decrease.
- 4. Find for the whole when given a percent.
- 5. Percent data from charts and graphs.
- 6. Part, percent, and whole values from graphs.
- 7. Roots and powers.
- 8. Order of operations.
- 9. Perimeter and polygons.
- 10. Circumference and pi.
- 11. Use a standard calculator to check work.

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

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

: