

Clackamas Community College
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Section #1 General Course Information

Department:Mathematics

Submitter

First Name: Ellis

Last Name: Meuser

Phone: 3400

Email: ellism

Course Prefix and Number:MTH - 060A

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:Introduction to Algebra

Course Description:

This course presents concepts of and functions for solving single and double step algebraic expressions, signed number problems, notations, and linear equations.

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 should be able to:

1. translate mathematical expressions from English to algebra,
2. demonstrate addition, subtraction, multiplication, and division using signed numbers;
3. evaluate algebraic expressions,
4. express sets using set-builder, roster and interval notation;
5. find the union and intersection of sets,
6. solve linear equations in one variable by addition, subtraction, multiplication and division;
7. graph a linear equation,
8. identify the slope of a line.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Signed numbers.
2. Translating expressions.
3. Evaluating expressions.
4. Set builder, roster, and interval notation.
5. Union and intersection of sets.
6. Linear equations.
7. Slope.

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**

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