

Clackamas Community College

Online Course/Outline Submission System

Section #1 General Course Information

Department: Skills Development

Submitter

First Name: Lisa
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Course Prefix and Number: ASE - 072B

Credits: .5

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 60
Lab (# of hours):
Total course hours: 60

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: Algebra 2B

Course Description:

Algebra 2B reinforces the concepts presented in Algebra 1A and Algebra 2A. Additionally, Algebra 2B introduces basic trigonometric functions. .5 high school credit.

Type of Course: Developmental Education

Reason for the new course:

This course is the companion course to Algebra 2A and reflects significant changes in high school math credits and content as Oregon transitions to the Common Core State Standards (CCSS).

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?

Yes

Have you talked with a librarian regarding that impact?

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: No

When do you plan to offer this course?

- ✓ **Summer**
- ✓ **Fall**
- ✓ **Winter**
- ✓ **Spring**

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

No

Student Learning Outcomes:

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

1. apply multiple strategies to solve linear equation problems,
2. solve problems using quadratic equations and inequalities,
3. interpret the meaning of visual representations of functions,
4. make predications and inferences from data sets,
5. perform operations of functions,
6. examine trigonometric functions and graphs,
7. use data to compare two treatments.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Strategies for different types of problems.
3. Interpretation of visual representations.
4. Predications and inferences from data sets.
6. Trigonometric functions and graphs.
7. Using data.

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

:
