

Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information**Department:** Skills Development**Submitter**

First Name: Lisa

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Course Prefix and Number: ASE - 072A**# 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 2A**Course Description:**

Algebra 2A reinforces the concepts covered in the Algebra 1A and B sequence focusing on applications. Additionally, Algebra 2A introduces complex numbers. .5 high school credit.

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?

Yes

Recommendations: Successfully completed ASE-071A, Algebra 1A and ASE-071B, Algebra 1B, or equivalent

Requirements: Instructor consent

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: Yes

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. perform operations with polynomials,
2. solve quadratic equations from real world problems,

3. identify and graph functions,
4. understand characteristics of data sheets,
5. identify slope and line of best fit for a data sheet,
6. identify complex numbers,
7. plot numbers in the complex number plane.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Real world polynomials and quadratics.
2. Graphs and visual representations.
3. Data sheets.
4. Complex numbers.

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

:
