

Course Edit Proposal

For delivery to the Oregon Coast Community College Instructional Leadership Team (ILT).

Course information can be found in the online Oregon Coast Community College catalog, and the full Course Content and Outcomes Guides (CCOGs) can be requested from the Department of Academics and Workforce. Substantial changes may require submission of the New Course Proposal form.

Course to be changed:

Course Number: *Math 66*

Course Title: *Introductory Algebra*

Is this course currently a pre- or co-requisite for another course: *Yes*

If yes, list all relevant courses: *Math 95, Biology 112, 231, General Sciences 106, 107, 108, 109, Geology 207, 208*

What programs/certificates include this course, if any: *None*

Does this course require a special additional fee: *No*

Does this course satisfy a General Education or Cultural Literacy requirement (list): *No*

Requested Change:

☐ Course number

☒ Credit Hours

☐ Pre-Requisites

☐ Description

☐ Assessment Strategies

☐ Gen Ed Requirement

☐ Other

☐ Course title

☒ Contact Hours

☐ Co-Requisites

☒ Outcomes

☐ Grading Option

☐ Fees

Detail your changes:

Credit Hours : 5

Lecture Hours: 44

Lecture/Lab Hours: 22

Lab Hours: 0

Math 66 Outcomes

Upon completion of the course students should be able to:

1. Recognize and apply the operations necessary to simplify expressions and solve equations.
2. Perform polynomial addition, subtraction, and multiplication and perform polynomial division by a monomial.
3. Use exponent and radical properties to simplify expressions and solve radical and quadratic equations.
- ~~4. Distinguish among perimeter, area, and volume and apply the formulas and appropriate units in contextual situations.~~
- ~~5. Perform unit conversions.~~
- ~~6. Distinguish between quadratic and linear relationships in symbolic, graphical, and verbal forms.~~
7. Solve systems of equations by graphing, substitution, and elimination and use systems in solving applications.

What is the need and impact of these course changes:

It will bring systems of equations into math 66 and put foundational algebra topics into math 60.

Academic year and term course change intended to go into effect:

Year: 2021 ☐ Fall ☒ Winter ☐ Spring ☐ Summer

Contact Email: *alison.williams@oregoncoastcc.org*

Proposer/s Name/s:

Alison Williams
Marge Burak
Jennifer Flemming
Murray Tilson
Rachel Yoder

Department: *Math*

Date of Submission: *11/5/20*

See curriculum webpage for process flowchart, deadlines calendar, and General Education Philosophy Statement and definitions. Any additional questions can be sent to officeofinstruction@oregoncoastcc.org.