

# 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 60*

Course Title: *Introductory Algebra – First Term*

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

If yes, list all relevant courses: *BA 242, FN 225, MTH 65*

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:

*Math 60 Outcomes*

Upon completion of the course students should be able to:

1. Simplify and evaluate algebraic expressions **using order of operations and properties of real numbers.**
2. *Solve linear equations and inequalities in one variable, ~~and linear systems in two variables.~~*
3. Create linear equations **and** inequalities, **and systems** that model contextual situations and use the model to make predictions.
4. Identify and interpret the slope as a rate of change in linear relationships.
5. *Represent linear relationships between two variables using a graph, table, verbal description, and algebraic formula*
6. **Select and apply appropriate geometric formulas to solve problems related to spatial and dimensional analysis**

What is the need and impact of these course changes:

*It will bring systems of equations into math 65 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

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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](mailto:officeofinstruction@oregoncoastcc.org).