

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2012, and finalized by the end of the fall semester to make the next catalog (2013-14) production

DATE (CHANGE DATE EACH TIME REVISED): 3/28/12

PROGRAM AREA(S): MATH

Directions: All of sections of this form must be completed for course modifications. Use **YELLOWED** areas to enter data. All documents are stand alone sources of course information.

1. Indicate Changes and Justification for Each. [Mark all change areas that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]

- | | |
|---|---|
| ☐ Course title | ☐ Course Content |
| ☒ Prefix/suffix | ☐ Course Learning Outcomes |
| ☐ Course number | ☐ References |
| ☐ Units | ☐ GE |
| ☐ Staffing formula and enrollment limits | ☐ Other ☐ |
| ☐ Prerequisites/Corequisites | ☐ Reactivate Course |
| ☒ Catalog description | |
| ☐ Mode of Instruction | |

Justification: Updating to reflect the published catalog description and the prefix prescribed by the Chancellor's Office.

2. Course Information.

[Follow accepted catalog format.] (Add additional prefixes i f cross-listed)

OLD		NEW	
Prefix MATH	Course# 05	Prefix MATHES	Course# 05
Title	EARLY START INTERMEDIATE ALGEBRA	Title	EARLY START INTERMEDIATE ALGEBRA
(1)		(1)	
1 hours	lecture per week	1 hours	lecture per week
	hours blank per week		hours blank per week
Prerequisites: ☐ Consent of Instructor Required for Enrollment ☐ Corequisites: ☐		Prerequisites: ☐ Consent of Instructor Required for Enrollment ☐ Corequisites: ☐	
Catalog Description (Do not use any symbols): A review of fundamental concepts of intermediate algebra. Problem solving using graphs and linear and quadratic equations. Credit for this course will satisfy the Early Start Requirement. Credit will not apply toward the baccalaureate degree. Students may retake Entry Level Mathematics (ELM) to obtain a passing score to move to college level mathematics courses.		Catalog Description (Do not use any symbols): This course is a one-day course with online laboratory assignments. Students will review and enhance their algebra skills. Puzzles and problems are used to strengthen students fundamental understanding of algebra. This course is offered Credit/No Credit only, and passing credit satisfies 1 unit of the Early Start Requirement. This course prepares students to retake the Entry Level Mathematics test, and potentially qualify to take college level mathematics.	
General Education Categories: ☐ Grading Scheme (Select one below): ☐ A – F ☒ Credit/No Credit ☐ Optional (Student's Choice) Repeatable for up to ☐ units		General Education Categories: ☐ Grading Scheme (Select one below): ☐ A – F ☒ Credit/No Credit ☐ Optional (Student's Choice) Repeatable for up to ☐ units	

Total Completions **1**
 Multiple Enrollment in Same Semester Y/N ☐
 Course Level:
☐ Undergraduate
☐ Post-Baccalaureate
☐ Graduate

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 Multiple Enrollment in Same Semester Y/N ☐
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☐ Undergraduate
☐ Post-Baccalaureate
☐ Graduate

3. Mode of Instruction (Hours per Unit are defaulted)

Hegis Code(s) _____
 (Provided by the Dean)

Existing

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	1	1	22	x	Lecture	1	1	20	x	
Seminar		1			Seminar		1			
Lab		3			Lab		3			
Activity		2			Activity		2			
Field Studies					Field Studies					
Indep Study					Indep Study					
Other blank					Other blank					
Online					Online					

4. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

- ☐ A-1 Oral Communication
- ☐ A-2 English Writing
- ☐ A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- ☐ B-1 Physical Sciences
- ☐ B-2 Life Sciences – Biology
- ☐ B-3 Mathematics – Mathematics and Applications
- ☐ B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- ☐ C-1 Art
- ☐ C-2 Literature Courses
- ☐ C-3a Language
- ☐ C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement

Meets University Language Requirement

☐ American Institutions, Title V Section 40404: ☐ Government ☐ US Constitution ☐ US History
Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

☐ **Service Learning Course** (Approval from the Center for Community Engagement must be received before you can request this course attribute).

☐ Online Course (Answer YES if the course is ALWAYS delivered online).

5. **Justification and Requirements for the Course.** *[Make a brief statement to justify the need for the course]*

OLD

Early Start required course for students scoring below a 50 on the ELM.

☐ Requirement for the Major/Minor
☐ Elective for the Major/Minor
X Free Elective

NEW

Early Start required course for students scoring below a 50 on the ELM.

☐ Requirement for the Major/Minor
☐ Elective for the Major/Minor
X Free Elective

Submit Program Modification if this course changes your program.

6. **Student Learning Outcomes.** (List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy: <http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing). Upon completion of the course, the student will be able to:

OLD

- Improve their computational skills
- Improve their algebraic and trigonometric skills
- Apply their intermediate algebra skills to problem solving
- Apply algebraic thinking to other fields
- Improve their graphing skills for algebraic functions

NEW

- Improve their computational skills
- Improve their algebraic and trigonometric skills
- Apply their intermediate algebra skills to problem solving
- Apply algebraic thinking to other fields
- Improve their graphing skills for algebraic functions

7. **Course Content in Outline Form.** (Be as brief as possible, but use as much space as necessary)

OLD

Real numbers and operations
Algebraic Expressions
Equations, Inequalities
Graphing linear and quadratic functions
Quadratic Equations and parabolas
Problem Solving

NEW

Real numbers and operations
Algebraic Expressions
Equations, Inequalities
Graphing linear and quadratic functions
Quadratic Equations and parabolas
Problem Solving

Does this course content overlap with a course offered in your academic program? Yes ☒ No ☐
If YES, what course(s) and provide a justification of the overlap. **This is an introduction to Math 95 as required by the Chancellor's Office.**

Does this course content overlap a course offered in another academic area? Yes ☐ No ☒
If YES, what course(s) and provide a justification of the overlap. ☐

Overlapping courses require Chairs' signatures.

8. **Cross-listed Courses (Please note each prefix in item No. 1)**

- A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).
- B. List each cross-listed prefix for the course: ☐

C. Program responsible for staffing: **Mathematics**

9. References. [Provide 3-5 references]

OLD

Bittinger/Ellenbogen/Johnson *Elementary and Intermediate Algebra, Concepts and Applications*, Second Edition
Copyright (c)1997 Addison Wesley Longman

NEW

Bittinger/Ellenbogen/Johnson *Elementary and Intermediate Algebra, Concepts and Applications*, Second Edition
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10. Tenure Track Faculty qualified to teach this course.

All math faculty

11. Requested Effective Date or First Semester offered: **Summer 2012**

12. New Resource Requested: Yes ☐ No ☐

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

☐

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

☐

C. Facility/Space/Transportation Needs:

☐

D. Lab Fee Requested: Yes ☐ No ☐ (Refer to the Dean's Office for additional processing)

E. Other. ☐

13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes ☐ No ☐

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: **October 1, 2012** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2012**.

Last day to submit forms to be considered during the current academic year: **April 15th**.

Geoffrey Buhl

3/28/12

Proposer(s) of Course Modification

Date

Type in name. Signatures will be collected after Curriculum approval.

Approval Sheet

Course: [REDACTED]

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair		
Signature		Date
Program Chair		
Signature		Date
Program Chair		
Signature		Date
General Education Chair		
Signature		Date
Center for Intl Affairs Director		
Signature		Date
Center for Integrative Studies Director		
Signature		Date
Center for Multicultural Engagement Director		
Signature		Date
Center for Civic Engagement and Service Learning Director		
Signature		Date
Curriculum Chair		
Signature		Date
AVP		
Signature		Date