

**NEW COURSE PROPOSAL**

**Courses must be submitted by October 15, 2011, and finalized by the end of the fall semester for the next catalog production.**

**Use YELLOWED areas to enter data.**

DATE (*Change if modified and redate file with current date*) 11.14.11; REV 12.19.11

PROGRAM AREA(S) MATHEMATICS

**1. Course Information.** *[Follow accepted catalog format.]*

**Prefix(es)** (Add additional prefixes if cross-listed) **and Course No.** MATH 04

**Title:** EARLY START BASIC ALGEBRA SKILLS **Units:** 1

Prerequisites

Corequisites

Consent of Instructor Required for Enrollment

**Catalog Description** (Do not use any symbols ): Building students' intermediate algebraic skills. A review of fundamental concepts of algebra. This course is offered Credit/No Credit only. Credit will satisfy 1 unit of the Early Start Requirement. No 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.

**Grading Scheme:**

- A-F Grades
- Credit/No Credit
- Optional (Student Choice)

**Repeatability:**

- Repeatable for a maximum of \_\_\_\_\_ units
- Total Completions Allowed 1
- Multiple Enrollment in Same Semester

**Course Level Information:**

- Undergraduate
- Post-Baccalaureate/Credential Graduate

**Mode of Instruction/Components** (*Hours per Unit are defaulted.*)

	Units	Hours per Unit	Benchmark Enrollment	Graded Component	CS & HEGIS # (Filled in by the Dean)
Lecture		1			
Seminar	1	1	20	X	
Laboratory		3			
Activity		2			
Field Studies					
Indep Study					
Other Blank					

Leave the following hours per week areas blank. The hours per week will be filled out for you.

1 hours seminar per week

hours blank per week

Is this course delivered online? Yes \_\_\_\_\_ No \_\_\_\_\_

This course will be offered in a compact form (probably over 3 days) during summer sessions.

**2. 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).

**3. Justification and Requirements for the Course.** (Make a brief statement to justify the need for the course)

A. Justification:  Early Start required course for students scoring below 50 on ELM.

B. Degree Requirement:  Requirement for the Major/Minor **Note: Submit Program Modification if this course changes your program.**  
 Elective for the Major/Minor  
 Free Elective

**4. Student Learning Outcomes.** (List in numerical order. You may wish to use the following resource in utilizing measurable verbs: <http://senate.csuci.edu/comm/curriculum/resources.htm>)

Upon completion of the course, the student will be able to:

- 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

**5. Course Content in Outline Form.** [Be as brief as possible, but use as much space as necessary]

- 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 course is an introduction to Math 95.

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.

**6. 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).

List each cross-listed prefix for the course:

**B.** Program responsible for staffing: math

**7. References.** [Provide 3 - 5 references]

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

**8. Tenure Track Faculty Qualified to Teach This Course.**

All math faculty

**9. Requested Effective Date:**

First semester offered: summer 2012

**10. New Resources 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 (please refer to Dean's Office for additional processing) **Yes  No**

**E.** Other

**11. Will this new course 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, 2011** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2011**, of preceding year.

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

Ivona Grzegorzcyk, Jorge Garcia

Oct 11, 2011

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Proposer of Course (Type in name. Signatures will be collected after Curriculum approval)

Date

# Approval Sheet

**Program/Course:**

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 Multicultural Engagement Director		
Signature		Date
Center for Civic Engagement Director		
Signature		Date
Curriculum Chair		
Signature		Date
AVP		
Signature		Date