

EDISON STATE COLLEGE
CURRICULUM COMMITTEE
CHANGE OF COURSE PROPOSAL FORM

TO: CURRICULUM COMMITTEE
FROM: Pat Newell, Dean Academic Success Programs
PRESENTER: Dorothy Marshall
DATE: April 24, 2008

TYPE OF COURSE CHANGE: Check all that apply.

<input type="checkbox"/>	Change to course number
<input type="checkbox"/>	Change to course title
<input type="checkbox"/>	Change to course description
<input type="checkbox"/>	Change to course co-requisites
<input type="checkbox"/>	Change to course prerequisites
<input type="checkbox"/>	Change to course learning outcomes**
<input type="checkbox"/>	Change to course transfer designation
<input type="checkbox"/>	Change to course credits
<input checked="" type="checkbox"/>	Other (specify) Bringing back a previously offered course.

Course Name, including prefix and number: **PreAlgebra MAT 9013**

Class credits: from to

Lab credits: from to

Combined lab & class credits: from to

From AA/AP to AS/PSV From AS/PSV to AA/AP

From AS to BS

From degree core requirement to elective OR

From elective to degree core requirement

From part of general education program to not part of general education program

OR From not part of general education program to part of general education program

Change in prerequisites from to

Change in co-requisite from to

Is there a Major Restriction? yes no (meaning only declared majors may take the course)

Course fee change from \$0.00 to \$25.00 (Attach course fee worksheet, if applicable)

JUSTIFICATION FOR CURRICULUM ACTION, OTHER EXPLANATORY INFORMATION: This course will replace the MAT 9012/9020 sequence. It will better prepare the students for success in MAT 9024 as well as higher level mathematics.

TERM IN WHICH PROPOSED ACTION WILL TAKE EFFECT: Fall 2009 (201010)

(For any term other than fall of the academic year following submission, approval of the Vice President of Academic and Student Affairs is required.)

(Signature of Vice President of Academic and Student Affairs)

FACULTY ENDORSEMENTS: This change has been endorsed by Marjorie Moller, Charlotte Campus, Joan VanGlabek, Collier Campus, and all full time College Prep mathematics faculty on the Lee Campus.

LEARNING OUTCOMES ASSOCIATE: _____ **DATE:** _____

DEPARTMENT CHAIR ENDORSEMENT: _____ **DATE:** _____

ACADEMIC DEAN'S ENDORSEMENT: _____ **DATE:** _____

After review and signing of the proposal, the **DEPARTMENT CHAIR** will forward the proposal to the **DISTRICT DEAN** for a final signature and the **DISTRICT DEAN** will return the signed form back to the **DEPARTMENT CHAIR**.

DISTRICT DEAN ENDORSEMENT: _____ **DATE:** _____

The **DEPARTMENT CHAIR** will process the proposal into a continuous document with any other proposals from his/her department being submitted for review by the Curriculum Committee and forward the document to the **CURRICULUM COMMITTEE CHAIRPERSON** by the Friday before the next scheduled Curriculum Committee meeting.

EDISON STATE COLLEGE
Academic Success Programs

COMMON COURSE SYLLABUS

Professor:

Office Location:

E-mail:

Phone Number:

Office Hours:

Semester:

I. COURSE NUMBER AND TITLE, CATALOG DESCRIPTION CREDIT HOURS

MAT 9013: Pre-Algebra (*)

4 credits

This course prepares the student for success in MAT 9024, Introduction to Algebra. Topics to be covered include whole numbers, integers, fractions and mixed numbers with signed numbers, decimals with signed numbers, order of operations, polynomials, linear equations, ratios and proportions, and percents. Applications of topics are used throughout the course. Successful completion of this course requires a grade of "C" or better.

(*) Preparatory credit, does not count toward a degree.

II. PREREQUISITE FOR THE COURSE:

Testing **or** permission of the Dean of Academic Success Programs

III. GENERAL COURSE INFORMATION: Topic Outline

- Whole number review
- Integers
- Fractions and mixed numbers with signed numbers
- Decimals with signed numbers
- Order of operations
- Polynomials
- Solving linear equations
- Ratios and proportions
- Percents

IV. LEARNING OUTCOMES AND ASSESSMENT:

A. *General Education Competencies:*

General education courses must meet all the following outcomes. All other courses will meet one or more of these outcomes.

At the conclusion of this course, students will be able to demonstrate the following competencies:

Communication (COM): To communicate (read, write, speak, listen) effectively using standard English and apply effective techniques to create working relationships with others to achieve common goals.

Critical Thinking (CT): To demonstrate skills necessary for analysis, synthesis, and evaluation.

Technology/Information Management (TIM): To demonstrate the skills and use the technology necessary to collect, verify, document, and organize information from a variety of sources.

Global Socio-cultural Responsibility (GSR): To identify, describe, and apply responsibilities, core civic beliefs, and values present in a diverse society.

Scientific and Quantitative Reasoning (QR): To identify and apply mathematical and scientific principles and methods.

B. Additional Course Competencies:

At the conclusion of this course, students will be able to demonstrate the following additional competencies:

Learning Outcomes	Assessments	General Education Competencies
Utilize the order of operations with whole numbers.	Successfully complete one or more of the following: Homework Labs Projects Group Projects Journals Quizzes Tests Class Presentations Portfolios Final Exam	QR
Understand and utilize whole number arithmetic.		QR
Simplify and evaluate algebraic expressions.		QR
Solve linear equations in one variable.		QR
Perform integer arithmetic.		QR
Perform operations with rational numbers.		QR
Translate and solve applications (including, but not limited to, proportions.)		QR, CT, COM
Solve percent problems and apply the concept to consumer applications.		QR, CT
Differentiate between and perform addition and subtraction with polynomials.		QR, CT
Use and understand definitions and terminology associated with algebra topics.		COM
Identify the properties (commutative, associative, distributive, identity and inverse) and match them to corresponding examples.		CT, COM

Know the terminology of square root and simplify square root expressions.		QR, COM
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**V. DISTRICT-WIDE POLICIES
Programs for Students with Disabilities**

Edison College, in accordance with the Americans with Disabilities Act and the college's guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus.

Lee Campus	Taeni Hall S-116A	(239) 489-9427
Charlotte Campus	Student Services SS-101	(941) 637-5626
Collier Campus	Admin. Bldg. A-116	(239) 732-3918
Hendry/Glades Ctr.	LaBelle H.S.	(863) 674-0408

VI. REQUIREMENTS FOR THE STUDENTS: List specific course assessments, such as class participation, tests, homework assignments, make-up procedures, etc.

VII. ATTENDANCE POLICY: The professor's specific policy concerning absence. (The College policy on attendance is in the Catalog, and defers to the professor.)

VIII. GRADING POLICY : Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

90 – 100	=	A
80 – 89	=	B
79 – 70	=	C
60 – 69	=	D
Below 60	=	F

(Note: The "incomplete" grade ["I"] should be given only when unusual circumstances warrant. An "incomplete" is not a substitute for a "D," "F," or "W." Refer to the policy on "incomplete" grades.)

IX. REQUIRED COURSE MATERIALS: (in correct bibliographic format)

X. RESERVED MATERIALS FOR THE COURSE: Other special learning resources.

XI. CLAST COMPETENCIES INVOLVED IN THE COURSE

XII. CLASS SCHEDULE: This section includes assignments for each class meeting or unit, along with scheduled Learning Resource Center (LRC) media and other scheduled support, including scheduled tests.

XIII. ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES which would be useful to the students in the class.