

EDISON STATE COLLEGE
CURRICULUM COMMITTEE
NEW/EXPERIMENTAL COURSE PROPOSAL FORM

TO: CURRICULUM COMMITTEE
FROM: Dr. Erin Harrel, Discipline Chair of Education
PRESENTER: Dr. Erin Harrel
DATE: April 9, 2009

Is the course being offered first as an experimental course? yes no

Course Name, including prefix and number: SLS 2930 Math Success for Educators

Verified with VPAA office? yes no

Class credits: 1 Lab credits: Combined lab & class credits:

Chose one: Degree core requirement Elective General education

Repeatable for duplicate credit? (i.e., applied music courses) yes no

Prerequisites: None.

Classification: AA PSV PSAV BAS BS

ICS Code: Banner Major Code:

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

Indicate all modalities in which the course may be taught: Class Lecture

Clinical

Laboratory Lecture/Lab Combined Accelerated Internship

Practicum WebCT Internet WebCT Class Lecture WebCT

Laboratory

WebCt Blended Learning WebCT Lecture/Lab Combined

Course fee amount, if any: (Attach course fee worksheet)

NOTE: Course fees are presented to the District Board of Trustees in November. If approved, fees take effect the following fall term.

JUSTIFICATION FOR CURRICULUM ACTION, OTHER EXPLANATORY INFORMATION:

This course can be used as a general elective for any students, but is primarily designed for students who lack confidence in math and need to take the CLAST or Test of

General Knowledge.

Education students who want to strengthen their own math abilities before acquiring teaching strategies for math with children will be encouraged to take this course.

TERM IN WHICH PROPOSED ACTION WILL TAKE EFFECT: 201010 (For any term other than fall of the academic year following submission, approval of the Vice President of Academic Affairs is required.)

(Vice President of Academic Affairs)

FACULTY ENDORSEMENTS/COMMENTS:

**Dr. Eileen DeLuca
Professor Joyce Rollins
Dr. Erin Harrel**

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

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

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

After review and signing this proposal, the DEPARTMENT CHAIR will forward the proposal to the DISTRICT DEAN for final signature. The DISTRICT DEAN will then return the proposal to the DEPARTMENT CHAIR.

DISTRICT DEAN'S 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 COLLEGE
Division of Arts and Sciences

COMMON COURSE SYLLABUS

Professor:

Office Location:

E-mail:

Phone Number:

Office Hours:

Semester:

I. COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDIT HOURS

SLS 2930 – Math Success for Educators

1 Credit

This course is intended to prepare future educators for success with mathematics by building strong foundation skills and confidence with mathematics. Students will cover topics that will help them to be more successful in understanding mathematics and mathematical thinking enabling them to better embrace teaching methods and strategies for helping children to understand mathematical concepts.

II. PREREQUISITE: NONE

III. GENERAL COURSE INFORMATION: Topic Outline

- Math confidence
- Math anxiety
- Math test taking skills
- Strengthen math abilities

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. Course Competencies:

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

Learning Outcomes	Assessment	General Education Competency
Reduce and solve complex word problems.	Students will demonstrate competency via one or more of the following assessment techniques: Written Assignments Presentations Homework Labs Group assignments Projects Presentations Quizzes Tests	QR
Solve application problems using the principles of geometry.		QR
Organize and sort data finding the mean, mode and median.		QR
Perform operations with sets.		QR
Construct and analyze a normal distribution for a given mean and standard deviation.		CT
Recognize their own level of math anxiety, identify the source and apply new skills for lessening the anxiety.		CT
Recognize and demonstrate techniques to reduce test anxiety.		CT, COM

V. DISTRICT-WIDE POLICIES

A. 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:**
- 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.

Revised 04/08