This course is designed to provide independent study opportunities for Disabled Students Programs and Services (DSPS) students in the Resource/High Tech Center. This course is a self-paced lab to address individualized needs in math skills. Students must be referred through assessment and/or instructor. Registration is available through the DSPS Office.

**JUSTIFICATION FOR COURSE:**

**PREREQUISITES:**

**ADVISORIES:**

**ASSIGNED DISCIPLINES:**
Special education

**MATERIAL FEE:** Yes [X] No [ ] Amount: $2.00

**CREDIT STATUS:** Noncredit [ ] Credit - Degree Applicable [ ] Credit - Not Degree Applicable [X]

**GRADING POLICY:** Pass/No Pass [X] Standard Letter [ ] Not Graded [ ] Satisfactory Progress [ ]

**OPEN ENTRY/OPEN EXIT:** Yes [ ] No [X]

**TRANSFER STATUS:** CSU Transferable[ ] UC/CSU Transferable[ ] Not Transferable[X]

**BASIC SKILLS STATUS:** Yes [X] No [ ]

**LEVELS BELOW TRANSFER:** Not Applicable

**CALIFORNIA CLASSIFICATION CODES:** Y - Not Applicable

**NON CREDIT COURSE CATEGORY:** Y - Not applicable, Credit Course

**OCCUPATIONAL (SAM) CODE:** E

**REPEATABLE ACCORDING TO STATE GUIDELINES:** No [X] Yes [ ]

**REQUIRED FOR DEGREE OR CERTIFICATE:** No [X] Yes [ ]

**GE AND TRANSFER REQUIREMENTS MET:**

**COURSE LEVEL STUDENT LEARNING OUTCOME(S) Supported by this course:**

1. prepare a record of his or her data, time in, time out, and number of hours.

2. demonstrate the ability to log in to and log off of the computer independently.

3. recognize mathematics concepts and study skills required for college level math courses.

**COURSE OBJECTIVES:**
1. Improve math skills.
2. Work at his/her own pace.
3. Benefit from constant remediation and feedback.
4. Work on a comprehensive, computerized, integrated learning system which has the capability of assessing student mathematics skills.
5. Demonstrate progress through learning programs designed to address specific areas needing improvement.

**COURSE CONTENT:**

**LECTURE CONTENT:**

1. Math concepts and skills
2. Problem Solving
3. Introduction to Logic
4. Algebra Topics

**LABORATORY CONTENT:**

1. Math concepts and skills
2. Problem Solving
3. Introduction to Logic
4. Algebra Topics

**METHODS OF INSTRUCTION:**

A. Lab:
B. Tutoring – noncredit:
C. Independent Study:

**INSTRUCTIONAL TECHNIQUES:**

**COURSE ASSIGNMENTS:**

**Reading Assignments**

Students must read information on the computer screen and select or type the correct answer.

**Out-of-class Assignments**

**Writing Assignments**

1. Students must keep a written record of their progress.
2. Students will take an initial placement test and be placed in learning modules based on areas of need.
3. Students demonstrate proficiency in each area of need before progressing through the software program.

**METHODS OF STUDENT EVALUATION:**

**Skills Demonstration**

**Demonstration of Critical Thinking:**

Critical thinking skills and problem solving will be demonstrated in each module.

**Required Writing, Problem Solving, Skills Demonstration:**

1. Students must keep a written record of their progress.
2. Students will take an initial placement test and be placed in learning modules based on areas of need.
3. Students demonstrate proficiency in each area of need before progressing through the software program.
TEXTS, READINGS, AND RESOURCES:

LIBRARY:
  Adequate library resources include:
  Comments:

Attachments:
  Attached Files