COURSE OUTLINE OF RECORD

Number: LRSK G006  
TITLE: Math Readiness

ORIGINATOR: Kimberly Pascoe  
EFF TERM: Fall 2014

FORMERLY KNOWN AS: SPED G006 Computer Tutor Lab for Math

CROSS LISTED COURSE:

SEMESTER UNITS: 0.5 – 1.0
HRS LEC: 0.0  
HRS LAB: 27.0 – 54.0  
HRS OTHER: 0.0
CONTACT HRS TOTAL: 27.0 - 0.0
STUDY NON-CONTACT HRS RECOMMENDED: 0.0 - 0.0

CATALOG DESCRIPTION:
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:

COREQUISITES:

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 [ ] NUMBER REPEATS:

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