



5055 Santa Teresa Blvd  
Gilroy, CA 95023

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### Course Outline

**COURSE:** GUID 566                      **DIVISION:** 30                      **ALSO LISTED AS:**

**TERM EFFECTIVE:** Spring 2023                      **CURRICULUM APPROVAL DATE:** 03/14/2023

**SHORT TITLE:** DIR STUDY LAB TL MATH

**LONG TITLE:** Directed Study Laboratory in Transfer Level Math

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
1	18	Lecture:	0	0
		Lab:	3	54
		Other:	0	0
		Total:	3	54
		Total Learning Hrs:	54	

#### **COURSE DESCRIPTION:**

This course is designed for students who have demonstrated difficulty mastering Transfer Level Math skills and who are eligible to receive Learning Disability Services. Students will take a hands-on approach to learning by using mathematical reasoning and formulae to solve problems and complete projects. Using descriptive analysis and presentation of material in a concrete, multi-sensory manner, the lab allows opportunity for immediate practice, questions, repetition and review. This is a pass/no pass course.

**PREREQUISITES:**

**COREQUISITES:**

**CREDIT STATUS:** C - Credit - Degree Non Applicable

**GRADING MODES**

P - Pass/No Pass

**REPEATABILITY:** R - Course may be repeated

Maximum of 99 times

## SCHEDULE TYPES:

- 03 - Lecture/Laboratory
- 04 - Laboratory/Studio/Activity
- 047 - Laboratory - LEH 0.7
- 71 - Dist. Ed Internet Simultaneous
- 73 - Dist. Ed Internet Delayed LAB
- 737 - Dist. Ed Internet LAB-LEH 0.7

## STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Demonstrate transfer-level mathematics study skills, including reading and note taking using a textbook, writing clear mathematical interpretations, utilizing time management for completion of labs and assignments, and preparing for exams.
2. Demonstrate the skills when using a scientific calculator in solving multi-step equations or problems.
3. Organize and analyze relevant data to address questions and communicate results.

## COURSE OBJECTIVES:

By the end of this course, a student should:

1. utilize the online Plato program to improve their basic academic skills independently.
2. examine various study skills and learning styles that will independently support them with their educational goals.
3. revise their Academic Accommodations Plan (AAP) stating their specific educational needs independently.
4. demonstrate the use of a calculator (online, cellphone or handheld), applying skills taught in solving problems for their class assignments.
5. navigate the textbook using key words and concepts to find specific examples, useful charts and graphs and utilize the glossary/ index/ table of contents in preparation of their class assignments.
6. utilize increased communication, academic, and vocational knowledge and skills in the coursework required by their regular college courses independently. Students will assess and revise study strategies, organizational and time management skills independently.

## CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 03/14/2023

Course Modules: The course content is individualized for each student based on math course enrollment. It is based on the academic degree and/or vocational coursework specified in the Academic Accommodations Plan (AAP). The work includes research, both online and in the library; reading, including reading comprehension techniques; including organization and content; math problem computations; and other assignments and projects required by their college courses. Course content also includes instruction in organizational and time management skills and study strategies that are individualized based on the students' specific learning disabilities.

8 Hours

Content: Academic Accommodations Plan: A plan for students to address specific educational needs.

8 Hours

Content: Establishing Learning Skills Assistance; Study Skills, Learning Styles and individual vs. group tutoring techniques.

8 Hours

Content: Plato (Edmentum) online academic skills program: Individualized assignments from this online program will support and reinforce skills and concepts taught in their currently enrolled class. Students can review course materials in an interactive tutorial and mastery test to reinforce their skills.

8 Hours

Content: Textbook Navigation: Exploration of the table of contents, glossary and index to navigate content related to their textbook. Familiarize themselves with textbook layout, context clues and embedded resources (i.e. graphs, charts and lists).

8 Hours

Content: Calculator Use Knowledge: Individualized instruction on the functionality of calculators in their various forms (online, phone, TI-85, etc.). Understanding multistep functions, graphing, equation input and special symbols.

8 Hours

Content: Managing Test Anxiety and Improving Text Performance: Explore the strengths and weaknesses of your Apply study techniques to effectively prepare for tests and manage test anxiety. Explore the methods for taking and processing notes and preparing for tests. The quality of your preparation and your test-taking skills affect your test performance. Explore the different factors that can affect your test performance.

8 Hours

Content: Improve Study Habits and Time Management: Explore how to choose conditions that promote effective studying. Explore and adopt techniques for setting and following through on priorities, avoiding procrastination and distractions, and starting ahead of deadlines.

**METHODS OF INSTRUCTION:**

Mini-lectures, demonstrations, discussions, group problem solving, self-graded practice quizzes/tests, and guided practice.

**METHODS OF EVALUATION:**

Problem-solving assignments

Evaluation Percent 50

Evaluation Description

Exams; Other: In class problem solving.

Other methods of evaluation

Evaluation Percent 50

Evaluation Description

Participation in class discussions, question and answer sessions and completion of practice tests.

**REPRESENTATIVE TEXTBOOKS:**

Students are required to bring their transfer level math textbooks to class.

**ARTICULATION and CERTIFICATE INFORMATION**

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Not Transferable

UC TRANSFER:

Not Transferable

**SUPPLEMENTAL DATA:**

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education: N

Program Status: 2 Stand-alone

Special Class Status: S

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: A

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: E

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000637206

Sports/Physical Education Course: N

Taxonomy of Program: 170100