

High School Equivalency

Vanesa Saraza
College Skills Instructor
SRJC

Dear Students:

Welcome to a new exciting semester! I am looking forward to share with you the joy of learning, and the satisfaction of improving our lives through education. Knowing that everything is possible, and that any dream can be achieved with effort and dedication, I am here to help you to reach your goal and get your High School Equivalency Diploma (HiSET or GED).

In our class you will:

- ✓ Be part of a learning supportive community.
- ✓ Learn and reinforce your Social Studies, Reading and Writing knowledge.
- ✓ Have my support in order to help you to reach your goal.

I expect from you:

- To be eager and ready to enjoy our learning time!
- Respectful manners and a mature behavior.
- Be on time for the classes.

Thank you and welcome again. I am happy and excited to be part of your learning journey.

Santa Rosa Junior College
CSKLS 741- Section 0387
Instructor: VANESA SARAZA
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CSKLS 741. Section 0387: Math and Science (1st Part)

Tuesday and Thursday. 12:30 pm -.2:00pm. Maggini Hall, Santa Rosa Campus: 2812

Lab: Tuesday and Thursday 2:00pm – 3:00pm. Maggini Hall, Santa Rosa Campus: 2811

First day of class: 10/15/24

Last day of class: 12/10/24

Instructor: Vanesa Saraza

Description

This course is intended as the second level of instruction in Math Reasoning and Science and provides academic skills development for the Basic Academic Skills Certificate of Completion. Students will develop knowledge and skills needed to pass the Math Reasoning and Science subtests of the General Education Development (GED) or other High School Equivalency (HSE) tests.

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Apply basic concepts of whole numbers, decimals, and fractions in analyzing and solving real-world problems.
2. Demonstrate comprehension of science basics and the scientific method by recognizing and evaluating evidence provided by reading investigations, tables, diagrams, and graphs.
3. Demonstrate academic skills including the use of basic technology for success in an academic environment.

Objectives:

At the conclusion of this course, the student should be able to:

1. Math
 - A. Solve basic word problems with whole numbers and decimals.
 - B. Solve real-world problems using fractions and the four arithmetic operations.

- C. Apply proportional reasoning concepts and techniques to solve problems.
 - D. Simplify expressions involving radicals.
 - E. Create or interpret informational charts, circle graphs, and bar graphs.
2. Science
- A. Read and understand science texts, tables, charts, and graphs.
 - B. Draw conclusions from data.
3. Basic Technology
- A. Navigate between computer learning programs.
 - B. Access and use college and GED testing systems for enrollment and other services.
4. Learning Skills
- A. Demonstrate self-directed learning skills such as time management and personal responsibility.as time management and personal responsibility.

Topics and Scope

Content, topics, and scope will vary, depending on student skill level

I. Math

- A. Whole numbers and operations
- B. Factors and multiples
- C. Fractions, rates, and ratios
- D. Decimals and percent
- E. Exponents and roots
- F. Measurement
- G. Graphs and charts

II. Science

- A. Basic scientific terminology
- B. Graphical data presentations
- C. Scientific Method

III. Basic Technology

- A. Basic computer use and navigation among assigned software programs
- B. Access and use college and GED and/or other HSE test websites for enrollment and other services

IV. Learning Skills

- A. Self-assessment and goal setting
- B. Study techniques
- C. Test-taking skills
- D. Support services

Grading Policy

Grades are based on positive attendance.