

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 742- Section 0419
Instructor: VANESA SARAIZA
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CSKLS 742. Section 0419: Math and Science (2st 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: 08/20/24

Last day of class: 10/10/24

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. Solve a variety of math problems including algebraic expressions, equations, inequalities, two-dimensional (2-D) and three-dimensional (3-D) geometry, equation of a line, basic statistics, probability, and functions.
2. Draw conclusions from a scientific text, understand the elements of experimental design and how to modify an experiment, and evaluate scientific conclusions.
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. Evaluate algebraic expressions and solve linear equations and inequalities.
 - B. Use formulas related to shapes (2-D geometry) and objects (3-D geometry).
 - C. Apply concepts of linear equations to real-world problems.
 - D. Understand the concepts of median, mean, mode, range, probability, and statistics.
2. Science
- A. Read and understand science texts, tables, charts, and graphs.
 - B. Draw conclusions from data.
 - C. Learn how to design and interpret science experiments.
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.

Topics and Scope

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

I. Math

- A. Expressions, equations, and inequalities
- B. Solving linear equations and inequalities
- C. 2-D geometry
- D. 3-D geometry
- E. The equation of a line
- F. Basic statistics
- G. Probability
- H. Understanding functions

II. Science

- A. Scientific information

B. Designing an experiment

C. Evaluating scientific investigations

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.