GETA I Syllabus/Course Outline

Fall 2026

Instructor Information

Instructor	Email	Office Location & Hours
Ms. Rosendale	arosenda@egusd.net	U2 CAT & After School

General Information

Description

For the first term of 2023-2024, we will be focusing on Safety, Measurement, Tools & Trades as they pertain to the GETA facility, Solar Suitcases as a solution to energy issues in developing and energy poor nations and Nuclear Power. Key to our Graduate Profile, the skills of Problem Solving, Critical Thinking, Collaboration and Creativity will be threaded throughout all aspects of our curriculum. Additionally, the **foundational** components of Career Technical Education (CTE) will be stressed. These foundational aspects are Student Leadership, Integrated Curriculum, Project Based Learning, and Industry Engagement by way of Work Based Learning (WBL) and Advisory Committee Assistance.

Expectations and Goals

GETA exists to prepare its students for life beyond high school. This has many looks: college, work, military, or vocational trades. To get the most out of your GETA experience, it is expected that you will make the most of every opportunity. Our goal is to provide a very large variety of college and/or career ready experiences that develop you as a person and your skill set, and in turn, inspire you to explore the experiences that best fit your skills, interests, talents, and dreams. These experiences include but are not limited to large- and small-scale hands-on projects, guest speakers, industry related field trips, job shadowing, job walks, internships, articulation credit, safety certification, independent investigations, trades training workshops, competitions, leadership opportunities and college tours.

Critical Thinkers - Take the 30,000' view of a design challenge and objectively analyze and evaluate the available resources and limitations that may help or hinder the process of coming up with a solution to the problem.
Problem Solvers - Utilize the process of formulating solutions to difficult or complex issues using the parameters identified in the Critical Thinking stage
Collaborators - Work with others to produce or create solutions to challenges.
Creative - Individuals utilize their abilities to solve challenges or problems with novel solutions or ideas and the implementation often has realized value to others..

Grading:

34% - Character 33% - Academic 33% - Technical

Outline of Units:

1. Safety and Measurement
2. Careers
3. Solar Suitcases
4. Nuclear Power
5. Documentation of Work (WIX)