

San José State University
Environmental Studies Department
Energy & the Environment ENV5/ENGR 119!
Fall 2023

Course and Contact Information

MYSJSU Messaging and Canvas

Course materials such as the syllabus, assignments, readings, and handouts are posted to canvas. You are responsible for regularly checking with the messaging system through MySJSU: <https://sjsu.instructure.com>. Log in with your SJSU One account: <https://one.sjsu.edu/> For assistance see: <http://www.sjsu.edu/at/ec/support/>

Course Description

Course Goals

At the end of this course, students should be able to:

- Understand the nexus of energy challenges and relevant economic, social, and environmental issues.
- Describe the physical principles related to the energy, heat, power, and work
- Complete basic calculations / conversions in energy, heat, power, and work
- Describe the scientific properties and spatial distribution of conventional and renewable energy sources
- Analyze the relative energy use in U.S. to other nations, and the forces that shift the mix of energy sources over time under Climate Change and resource scarcity pressures.
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Course Requirements and Assignments

Dropping and Adding: Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, ... Refer to the current semester's Catalog Policies.

Grading: Use the percentages below and your scores to monitor your grade. Real time grade will be available along the semester on Canvas.

Credit-hour statement: This three-unit course requires a minimum of 9 hours per week to complete class-related readings and assignments (roughly 2.5 hours in class and 6.5 hours outside class per week.) More details about student workload can be found in University Policy S12-3 at

