

Tri-County ROP Environmental Science

Program Objectives

Environmental Technology is an emerging field that is science-based but also requires understandings of environmental policy, law regulations, hazardous materials management, and environmental management systems.

This course emphasizes historical and conceptual aspects in physics through the use of energy, and then reinforces these concepts with practical applications using basic high school mathematics.

This course provides students with an overview of the energy, environment and utilities sector, focuses on the principles of power and energy, and emphasizes sustainability practices and processes. It provides students with insight into the different pathways available within the sector and the different career opportunities associated with each pathway.

Learn more on our website at:

<https://www.tricountyrop-cte.com/>



Schedule

Class is a combination of lecture, laboratory and community experiences both online and in person

Location

Feather River Academy

Enrollment

If you are a regularly enrolled high school student, contact your high school counselor or the career center at your school. Or contact:

Tri-County ROP
cecilias@sutter.k12.ca.us

Student Outcomes:

- Define and describe various ecological systems.
- Develop and interpret environmental model systems.
- Describe various hydrological cycles.
- Identify geological terms.
- Identify Soil and water pollutants

Future Career Opportunities:

- Water treatment plant operators
- Forester
- Air quality Management district
- Laboratory Techs
- Surveyors



What is ROP?

The Tri-County Regional Occupational Program (ROP) offers career technical training courses to high school students and adults in Colusa, Sutter, and Yuba Counties. These courses provide training in many different occupations and are geared to entry-level employment, preparation for advanced training, or retraining. Additional information about ROP courses is available at career centers and counseling offices in participating districts.



Why Take an ROP Course?

Whether you plan to work full-time after graduation or work part-time and continue in school, an ROP course will teach you skills to get and keep a worthwhile job. It will also give you high school credit while you are learning. When you complete a course, you will receive a certificate of proficiency that lists the skills that you have gained. This certificate is widely recognized by the business community and is a valuable job-seeking tool.



Who is Eligible?

If you are in 11th or 12th grade and live in a school district that participates in ROP, you are eligible whether you are a regularly enrolled student or not. This includes adults, private school students, charter school students, students on independent study, and students with disabilities. Email the ROP office at cecilias@sutter.k12.ca.us or see your school office for assistance.



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