

## CREDIT FOR PRIOR LEARNING

Students may be able to receive college level credit for learning that took place in a nontraditional learning environment, such as on-the-job-training, military training, professional development seminars, volunteerism, and experience in-field.

## ELIGIBILITY

The WEST Program is an integrated energy program that focuses on seven disciplines at Casper College – diesel power technology, electronics technology, geographical information systems (GIS), geology, process technology, renewable energy (specifically wind energy), and welding technology.

Anyone interested in these programs is encouraged to apply, and priority will be given to those individuals who meet the following criteria:

- Veterans or spouse of a veteran (special conditions apply)
- TAA-eligible workers – U.S. workers who have lost or may lose their jobs as a result of foreign trade (special conditions apply)
- Pell Grant eligibility
- Nontraditional students with at least one of the following characteristics: over 25 years of age, have dependents other than a spouse, does not have a high school diploma (completed with a high school equivalency certificate).
- Individuals who may have suffered an injury and need training in a new aspect of the energy field.



## LINKING TALENT TO OPPORTUNITY

Hands-on training is crucial to being able to perform confidently on the job. By developing advanced learning strategies, collaborations with business and industry partners, and by providing resources and guidance from workforce specialists and career counselors, WEST is linking talent to opportunity!

Although this grant does not provide assistance with tuition or fees, it has given us the opportunity to enhance our current energy sector programs so we can better meet the needs of the industry workforce. Casper College and the Wyoming Department of Workforce Services have a variety of resources to help you pay for college – please contact us for more information.

Casper College is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

## CURRENT WEST BUSINESS PARTNERS

Halliburton, Casper District	Wyoming Machinery Company
Sinclair Oil Corporation	Casper Workforce Center
Pepper Tank and Contracting Co.	Global Specialized Services
ESRI	Chevron Corporation
Automation Electronics	EDF Renewable Services
State of Wyoming	
Department of Workforce Services	

## PROGRAM CONTACTS

### Diesel Power Technology

Glen Roberts: 307-268-2709

### Electronics Technology

David Arndt: 307-268-2521

### Geographic Information Systems (GIS)

Jeff Sun: 307-268-3560

### Geology

Melissa Connely: 307-268-2017

### Process Technology

Mike Malone: 307-268-3124

### Renewable Energy

Mike Malone: 307-268-3124

### Welding Technology

Darin Miller: 307-268-2278

Rachel Chadderdon, Project Manager  
307-268-3041

[rachadderdon@caspercollege.edu](mailto:rachadderdon@caspercollege.edu)

Jennifer Pepple, GCDF  
307-268-2381

[jenniferpepple@caspercollege.edu](mailto:jenniferpepple@caspercollege.edu)

[caspercollege.edu/west-program](http://caspercollege.edu/west-program)



PR 06/16



# W.E.S.T

Wyoming • Energy • Sector • Technology



Casper College has been awarded a four-year, \$2.5 million Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant from the Department of Labor to enhance the college's current energy programs in order to meet industry workforce needs. Through the use of excellent hands-on instruction offered in Casper College's lab and classroom facilities from highly skilled, supportive instructors, as well as valuable training from outside vendors, the WEST program will enable students to acquire the skills, degrees, and credentials needed for high-wage, high-demand employment, and will meet the need of employers for highly skilled workers.





# 7 Disciplines

## DIESEL POWER TECHNOLOGY

This is an accelerated program which teaches students safe and productive technical skills through both classroom and hands-on training offered in a setting with a low student-to-instructor ratio. The diesel program offers a broad range of mechanical training to prepare students for careers in many different areas including: technician, sales, parts, management, owner/operator, and farm or ranch equipment repair. The programs offered are: associate of applied science in diesel power technology and certificate in diesel power technology.

### Occupational Projections

Diesel service technicians and mechanics receive a median wage of \$44,520.

## ELECTRONICS TECHNOLOGY

This program is one of the most comprehensive instructional electronics programs in Wyoming and the Rocky Mountain area, and teaches students to install, maintain and repair electronic equipment. After completing the program students will be qualified for jobs including: computer networking, installation and maintenance of process control equipment, industrial electronics, and installation of oil and gas well control equipment. The programs offered are: associate of applied science in electronics technology, and certificates in computer electronics technology and industrial electronics technology.

### Occupational Projections

Electrical technicians receive a median wage of \$58,990.

## GEOGRAPHIC INFORMATION SYSTEMS (GIS)

The GIS program offers students a thorough knowledge of geographic information systems (GIS), which is a geospatial industry that includes map making, GPS, and remote sensing. GIS is an exciting high tech field that can be used for career opportunities in many areas: agriculture, biology/wildlife biology, geography, social science, health care, engineering, geology, energy industry, environmental science, business, and education. The programs offered are: associate of science in GIS or certificate in geographic information systems (GIS).

### Occupational Projections

Individuals in GIS receive a median wage of \$42,010 per year.

## GEOLOGY

The geology program is comprehensive and allows students to learn both in the classroom, and in an optional work study program in the Tate Geological Museum, which is located on campus. The oil, mineral, and gas industries provide an economic base in Wyoming. Completion of this degree can be used to either gain immediate employment as a geological technician or to transfer to complete a bachelor's degree in geology. The degree offered is an associate of science degree in geology, with related degrees in geographic information systems and extractive resource technology.

### Occupational Projections

Geological and petroleum technicians receive a median wage of \$55,610.

## PROCESS TECHNOLOGY

The process technology certificate provides the necessary foundational skills for students interested in entering petrochemical, electric power, and oil and gas refining career fields. The intensive program is designed to be completed in a condensed, 16-week Monday through Friday format. Students will be issued an OSHA General Industry 10-hour card upon successful completion. Students also gain valuable knowledge in mechanical, electrical and process technology.

### Occupational Projections

Individuals who complete this program receive a median wage of \$53,780 per year.

## RENEWABLE ENERGY

The renewable energy technology program is a versatile, interdisciplinary program that offers students the opportunity to become trained in a variety of technologies, with a focus on electrical power generation from wind and solar. Students in this program will gain the necessary high level mechanical skills and will be trained in instrumentation, control, and wind and solar installation skills. After completing this program, students will be qualified for jobs such as: wind turbine technician, instrumentation technician and control technician. The programs offered are: associate in applied science in renewable energy technology and certificate in renewable energy technology.

### Occupational Projections

Individuals with a college education in renewable energy technology receive a median wage of \$51,050 per year.

## WELDING TECHNOLOGY

The welding program offers students one of the most comprehensive instructional welding programs in Wyoming and the region, which exposes students to a broad spectrum of career opportunities. Training covers the latest techniques in gas tungsten arc welding (GTAW), shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux cored arc welding (FCAW), automated submerged arc welding, and plasma applications. Simulating job-related situations, students test their skills during classroom exercises and undergo practical testing in accordance with today's codes and standards. Students will leave the program qualified for jobs such as: shop fabricator/welder, maintenance repair technician, contract welder, pipeline welder, and quality control technician/inspector. The programs offered are: associate of applied science in welding, and certificate in welding.

### Occupational Projections

Welders are paid a yearly average of \$38,150.



**2015 occupational projections and wage data for the state of Wyoming obtained through O\*NET OnLine onetonline.org.**

**For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at [caspercollege.edu/programs-courses/gainful-employment](http://caspercollege.edu/programs-courses/gainful-employment).**



*This product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This work is licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, visit [creativecommons.org/licenses/by/4.0](http://creativecommons.org/licenses/by/4.0).*

Casper College seeks to provide an environment that is free of bias, discrimination and harassment. If you have been the victim of sexual harassment/gender or sex discrimination/sexual misconduct/assault we encourage you to report this. If you report this to a faculty member, she or he must notify our college's Title IX Coordinator, Linda Toohey, associate vice president for student services, 125 College Drive, GW 412, Casper, WY 82601, 307-268-2667, [linda.toohey@caspercollege.edu](mailto:linda.toohey@caspercollege.edu) about the basic facts of the incident. For more information about your options please go to: <http://www.caspercollege.edu/nondiscrimination>.