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.

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.
### 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 in applied science in electronics technology, and certificate in diesel power 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 subarc 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.

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.