



ONE FOCUS
YOUR SUCCESS



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POWER UP
YOUR CAREER IN
CLEAN ENERGY
TECHNOLOGY

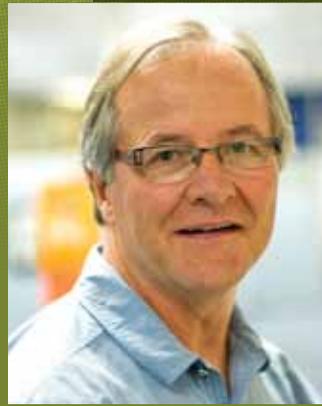
WANT TO WORK IN
CLEAN ENERGY?
WE'RE HERE
TO HELP

**Hundreds of good-paying jobs
are waiting for graduates and
trained applicants**

A recent study commissioned by the Governor's Energy Office forecasts that Colorado's commitment to the New Energy Economy could grow more than 600,000 jobs in the next 20 years. An Associate of Applied Science (A.A.S.) degree in Clean Energy Technology from Front Range Community College will qualify you for one of those jobs.

PROGRAM DIRECTOR PROFILE

Clark Mozer



Clark, a mechanical engineer with bachelor's and master's degrees from Montana State University, spent 21 years in manufacturing management at Hewlett-Packard, finishing his career as worldwide manufacturing manager for the Greeley Storage Division. Since HP, Clark has worked in a variety of smaller companies,

traveling in Asia working with suppliers. He has been teaching in the Clean Energy Technology Program right from the start. "I'm an engineer," he says. "I enjoy teaching. My classes are technical and problem-solving in nature. In technical fields, the bottom line is do you know how things work. That's what I enjoy helping student learn."

And consider this: The Colorado Department of Labor and Employment says the fastest-growing sector of Colorado's economy will be the Professional, Scientific, and Technical Services subsector group. In the next eight years it will grow almost three times faster than the average growth rate of all industries. "The distinguishing factor" of this group, the department states, "is the fact that most of the industries grouped in it have production processes that are almost wholly dependent on worker skills." You can learn those skills at FRCC.

**Annual Salaries and
Clean Energy Jobs**

	Average
Electro-Mechanical Wind Turbine Technician	\$35,000
Wind Field Technician	\$26,000
Wind Field Service Technician	\$44,000
Wind Generator Installer	\$31,000
Junior Renewable Energy Technician	\$30,000
Solar Commercial Installation Engineering Technician	\$47,000
PV Fabrication and Testing Technician	\$45,000
Solar Lab Technician	\$41,000
Instrumentation/Controls/Electrical Systems Technician	\$35,000

Colorado Governor's Energy Office
Careers for Colorado's New Energy Economy

	Entry	Average	Experienced
Electrical Engineering Technician	\$40,832	\$56,655	\$64,615
Power Plant Operator	\$45,785	\$61,366	\$66,026
Electrical and Electronics Repairer	\$38,910	\$55,218	\$62,695
Mechanical Engineering Technician	\$36,999	\$56,205	\$65,257
Industrial Engineering Technician	\$37,069	\$49,166	\$58,873
Industrial Machinery Mechanic	\$32,149	\$44,521	\$53,257

Colorado Dept. of Labor & Employment
Occupational Employment Statistics Survey (2009)

INTELLECTUAL CHALLENGE, HANDS-ON SOLUTIONS

A career in a clean-energy industry could be just right for you

Do you like to combine intellectual challenges with hands-on solutions? That's what these new industries want. They want workers who apply their knowledge to improve manufacturing processes to generate energy savings. And in making those improvements, you will be helping to save the environment.

STUDENT PROFILE

Kevin Fitzsimmons



After earning his GED, Kevin was a general laborer and worked in retail, bouncing from one job to another. "I had a lot of potential, but no knowledge to back it up," he says. Then he enrolled in the Clean Energy Technology Program. "It was a good decision, no, a great decision," he says. He pursued

the electrical/mechanical concentration and graduated summa cum laude. Even before graduating, he was working "full time and then some" as a test technician for a high-tech company. "This program opened a lot of doors," he says. "We're in contact with people who are closely linked with the businesses and industry involved in creating the program."

STUDENT PROFILE

Jody Hutchinson



Jody, whose previous work included being a machine operator in manufacturing, came to the Clean Energy Technology Program as a graduate of FRCC's Energy Boost Program. Energy Boost is a 92-hour training program that teaches skills for entry-level jobs in the New Energy Economy. "I brought in

a lot of skills because of my background," she says, "and I broadened other skills." Jody chose the power generation concentration, and an internship at the Rawhide Power Plant showed her she made the right choice. "In the course of my internship I've seen how much I've learned."

Earn an A.A.S. degree in as little as two years or a certificate in one year

In your first year, you will earn a Clean Energy Certificate that forms the basis for the A.A.S. degree. In your second year, you concentrate in the area that interests you – Electrical/Mechanical or Power Technology.

Learn from the best instructors in the business

They've worked in clean-energy fields. And now they want to teach. They have stories to tell that help make their subjects real and exciting. You can expect to learn a lot and have a great time doing it in small classes where you get lots of personal interaction.



STUDENT PROFILE

Scott Schreiner



Scott's internship at Woodward, a \$750 million global leader in clean energy technology headquartered in Fort Collins, Colo., was the stepping stone to a full-time slot when he earned his Associate of Applied Science degree in Clean Energy Technology. Woodward even picked up his FRCC tuition. That's

how much Woodward believes in clean energy, FRCC's Clean Energy Technology Program, and in Scott. Colorado has the potential of harnessing 122 gigawatts of wind and solar energy in the next 20 years. And Scott is on the forefront. "It gives me goose bumps," he says. "The Clean Energy Program is really diverse. It's not just hard skills for industry, but it's also soft skills employers will be looking for. Things like ethics. My degree in Clean Energy Technology will put me at the top. It's flexible, it's innovative, and it's getting us prepared for the real work force."

STUDENT PROFILE

Paul Kelly



Paul has a Bachelor of Science degree in printing, but, as he acknowledges in the Internet Era, printing isn't exactly expanding. Still, this background and his experience in customer service are added skills he is applying as an intern for FortZED. FortZED is a community initiative in Fort Collins whose mis-

sion is to transform downtown and the main campus of Colorado State University into a net Zero Energy District through conservation, efficiency, renewable sources, and smart technologies. "I'm glad zero-energy and smart-grid technology are being talked about," Paul says. It's also talked about in classes. "Phantom energy," for instance, intrigues Paul. That's the energy people don't think about -- the energy used when lights, phone chargers and other technology are plugged in even when not in use.

GET STARTED!

Contact

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