



Walla Walla Community College...
... Your Best Choice

Wind Energy Technology

The Industry

Wind Energy is one of the fastest growing industries in the world. The sharp rise in energy consumption and the increasing interest in sustainable resources have fueled the renewable energy industry, of which wind generation is a growing entity.

Career Opportunities

The need for employees to service the wind generators and wind turbines will increase; approximately 250 technicians are needed in the next five to seven years within a 50 mile radius of WWCC, Walla Walla and Clarkston campuses.

Work may include:

- basic circuits
- electrical motors and their controls
- electronic controls
- programmable logic controllers
- variable frequency drives.

Potential careers for Wind Energy and Wind Turbine Technology graduates include positions such as wind technician, high voltage technician, electronic technician, relay technician, and supervisor. The hourly rate for wind technicians ranges from \$15 to \$25/hr.

The Program

Provides entry level training for wind energy and wind turbine generator technicians with emphasis on the emerging wind energy industry. Two year technical training emphasizes power generation, distribution, electrical theory and control mechanisms, safety and general education components. Physical requirements include the ability to lift 75 pounds, able to climb to heights, and able to work in confined spaces.

For More Information

James Bradshaw

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Associate in Applied Arts and Sciences Degree in Wind Energy Technology

This schedule lists courses required for degree completion but the actual order and specific coursework may vary depending on student placement, start date, and quarter. Please check with your advisor prior to any substitutions.

The required related instruction is noted in bold print. The letter in the parenthesis indicated which category of related instruction is represented by the given course as follows:

- | | | |
|------------------------------|--------------------------|----------------------|
| (W)- Written Communications | (O)- Oral Communications | (R)- Human Relations |
| (M)- Computation/Mathematics | (J)- Job Seeking Skills | (L)- Leadership |

Year One	Year Two																																																																																						
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¹ Students are required to complete OCSUP 107, Intro to Technical Math. Based on Compas Mathematics Exam scores, students may enroll in OCSUP 106 fall quarter, but it is not required for students who tested above OCSUP 106.

² EST 144, Industrial Safety, includes Medic First Aid Training and OSHA 1926 Training

³ EST 191 and EST 192 are available during summer quarter. Students are required to complete the Cooperative Work Experience/Seminar prior to degree completion.

The following courses meet the related instructional requirements of the program (one class per category required):

- (W) ENGL& 101, WRITE 100, WRITE 110
- (O) CMST 102, CMST& 220, CMST 201, OCSUP 102
- (R) EST 192, OCSUP 101, PSYC& 100, PSYC 111
- (M) OCSUP 107
- (L) CLS 180, OCSUP 299
- (J) OSCUP 103, PSYC 140