

300k
available in scholarships

LRSC has its own wind
turbine providing
electricity & a live lab

96%
job growth by 2026

\$54k
median wage

14:1
student:faculty ratio

WIND ENERGY TECHNOLOGY

64 credit minimum AAS/35 credit Certificate



The Wind Energy Technology program is an Associate in Applied Science (AAS) degree or can be completed in one year with our certificate program. Students will work in an actual turbine to conduct their labs and hands-on experience in order to learn how to fix and maintain wind turbines. Wind energy technicians must be comfortable with heights, have the ability to climb, and have good manual dexterity. Technicians also must be able to work in confined spaces. Work is done indoors and outdoors in a variety of weather conditions.

ADVISORS/TRiO & PowerSkills

Knowledgeable advisors will help you create a class schedule and choose electives to build strong foundations for upper division coursework and to meet transfer requirements.

TRiO & PowerSkills is an **advising, tutoring, and proctoring resource for everyone**, as well as disability services for students.

APPROVED BY AWEA

In May, 2011, the Wind Energy Technician program at LRSC received the prestigious Seal of Approval from the American Wind Energy Association (AWEA). Lake Region State College is one of seven programs awarded with this approval. The program's curriculum was carefully reviewed by a group of industry professionals who found the quality of the course materials to overwhelmingly satisfy AWEA's wind turbine technician skill-set criteria. The Seal of Approval covers four core skill sets: safety, electrical components, mechanical components and general skills. With over 2,500 members and advocates, AWEA is a national trade association representing wind power project developers, equipment suppliers, services providers, parts manufacturers, utilities, researchers and others involved in the wind industry.

CHOOSE YOUR PATH

If you want to enter a 4-year college or university after LRSC, you should do your research.

- Gather catalogs from your 4-year choice schools.
- You and your advisor can create a course plan.
- Work with your advisor to meet prerequisites with your electives for the AA or AS degree.
- Check with Student Services about transfer agreements LRSC has with your 4-year choice.

WE WANT YOU TO BE SUCCESSFUL...so here are some tips to help:

1. **GET ACQUAINTED WITH YOUR ADVISOR** during the first two weeks of school. He or she will help you select courses which meet core requirements and also support your transfer.
2. **SCHEDULE TIME WITH YOUR ADVISOR** immediately after term schedules are published to choose courses for upcoming semesters.
3. **REGISTER AS EARLY AS YOU CAN** to get into the courses you want and need.
4. **SAVE MONEY BY CARRYING A HEAVIER COURSE LOAD.** Discuss with your advisor if a heavy course load works for you and your schedule. (Tuition & fees cap at 12 and 16, respectively. Other fees may apply and online courses are not included.)

Career options for you

One highly trained wind energy technician is required to maintain and repair 10 wind turbines. These technicians must be trained in mechanics, electronics, hydraulics, meteorology, composites, computer science, and power transmission. Rapid growth in the wind energy industry has sparked a burgeoning need for technicians. According to the American Wind Energy Association, an additional 1,000 turbine technicians will be needed annually over the next several years.

Wind Energy Technology (AAS)

CIS 224: Networking I	3
CIS 243: Networking II	3
COMM 110: Fundamentals of Public Speaking	3
COMM 212: Interpersonal Communications	3
ENGL 110: College Composition I	3
HPER 165: First Responder OR	2
HPER 210: First Aid	
PSYC 100: Human Relations in Organizations	3
WNTD 100: Electricity I	3
WNTD 101: Introduction to Wind Operations	3
WNTD 110: Wind Turbine Safety I	5
WNTD 115: Wind Turbine Safety II	2
WNTD 150: Hydraulic Fundamentals	2
WNTD 200: Electricity II	3
WNTD 201: Wind Operations: Troubleshooting and Maintenance	3
WNTD 205: Motors and Generator Control	2
WNTD 215: Operation and Maintenance Site Support	3
WNTD 240: Programmable Logic Controllers	2
Gen ED: Humanities/Social Science	3
Electives	9
Total AAS Credits	minimum 60
Certificate Credits	33
BOLD: 1 year certificate courses	