WIND ENERGY TECHNOLOGY
60 credit AAS | 32 credit Certificate

THE PROGRAM

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.

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.

A CLOSER LOOK

Students in the program will learn:

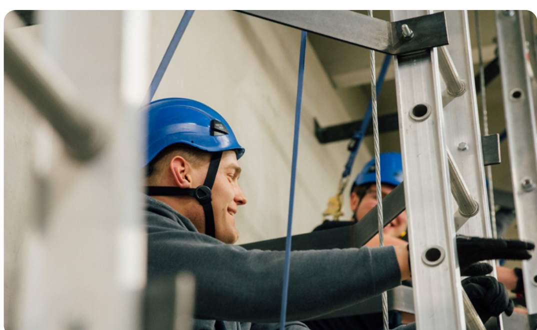
- Safety in the workforce
- Fix and maintain wind turbines
- A hands-on educational experience by working on actual turbines.
- Working in high areas
- Working in confined spaces

Students must have the ability to climb and have good manual dexterity. Wind energy technicians must also be able to work in confined spaces. Work on wind towers may be indoor or outdoor 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.



TIPS FOR STUDENT SUCCESS

1. SCHEDULE TIME WITH YOUR ADVISOR immediately after term schedules is published to choose courses for upcoming semesters. Your advisor will help you select courses that meet core requirements.

2. SCHEDULE TIME WITH YOUR ADVISOR immediately after term schedules are published to choose courses for upcoming semesters

3. 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.)

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.

CAREER OPTIONS

Graduates from the Wind Energy Technology program will be prepared for exciting career paths as a wind turbine technician, automated systems technician and more! This career is expected to grow 96% by 2026.

LRSC HAS ITS OWN WIND TURBINE PROVIDING ELECTRICITY & A LIVE LAB

STUDENT FOCUSED

LRSC is among the best community colleges by Intelligent 2023. Our students receive individualized support and have access to a variety of support services to help achieve their academic goals.

14:1

STUDENT: FACULTY RATIO

SCHOLARSHIPS

$425,000 are offered in scholarships annually. LRSC Community College Foundation funds these scholarships through contributions from loyal friends and supporters of LRSC.

425K

AVAILABLE IN SCHOLARSHIPS

ASSOCIATE IN APPLIED SCIENCE–FALL SEMESTER	CREDITS
HPER 165: First Responder	2
WNDT 100: Electricity I	3
WNDT 101: Introduction to Wind Operations	3
WNDT 110: Wind Turbine Safety I	5
WNDT 150: Hydraulic Fundamentals	2
WNDT 201: Wind Operations: Troubleshooting & Maintenance	3
SPRING SEMESTER	
COMM 212: Interpersonal Communication	3
WNDT 115: Wind Turbine Safety II	2
WNDT 200: Electricity II	3
WNDT 205: Motors and Generator Control	2
WNDT 215: Operation and Maintenance Site Support	3
WNDT 240: Programmable Logic Controllers	2
FALL SEMESTER	
CIS 224: Networking I	3
ENGL 110: College Composition I	3
PSYC 100: Human Relations in Organizations	3
Gen Ed Elective: Social Science	3
Electives*	3
SPRING SEMESTER	
CIS 243: Networking II	3
COMM 110: Fundamentals of Public Speaking	3
Electives*	6
Total AAS Credits	**minimum 60**
Certificate Credits	**32**

BOLD: certificate courses
*** Work closely with your advisor to choose electives.**

For more information on the Wind Energy Technician program, please contact Jay Johnson, Jay.R.Johnson.2@lrsc.edu or visit www.lrsc.edu.

12/29/22