


MESALANDS COMMUNITY COLLEGE
WIND ENERGY TRAINING PROGRAM




GROWTH OF WIND POWER IN NEW MEXICO

IN 2013 NEW MEXICO HAD 778 MW OF INSTALLED WIND POWER

IN 2016 WE HAD OVER 1000MW OF WIND POWER


2017 brought the distinction of New Mexico having the largest percentage of increase in wind power installed in the nation

2018 will be the year to record with Pattern energy's toe hold increasing to a large footprint of 3GW being built or in production along with many others.



WIND TECH TRAINING

- SAFETY
- CLIMB & TOWER SAFETY/RESCUE
- INTRO TO WIND
- SITTING
- TYPES OF TURBINES
- ELECTRICAL THEORY
- MECHANICAL
- HYDRAULIC
- SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)
- Along with Gen. Ed



Our safety training starts in the classroom and moves rapidly to the work bay, then actual practice on our 80m tower



EMPLOYERS HIRING OUR GRADUATES

PATTERN ENERGY
BLATNER CONST.
HELDORRE SERVICES, LLC
A SERVICE AND PROJECT ARM OF GE RENEWABLES

NETERA ENERGY
WANER CONSTRUCTION & SERVICES
VESTAS WIND TURBINES
DIAMOND ENERGY
DUKE ENERGY
MORTENSON CONST.
HOUSE WIND FARM
AIRWAYS SERVICES
JUST TO NAME A FEW

AVG. STARTING PAY \$22.00/HR
\$90-210/DAY PER DIEM



THIS FALL'S ENROLLMENT

27 new students enrolled 20 from NM
16 returning Sophomores 10 from NM

Projected 15 new students in the Spring

We have a possibility of approx. 60 full time wind students on campus this year

FieldCore ongoing weekly avg. 15/week new hire training and re-certifications for a projected total of 475 to 500 students this year.

Ongoing agreement with CCC for tower safety training.



ECONOMIC & FAMILY BENEFITS OF WIND

INCREASE IN THE TAX BASE OF RURAL AREAS

JOBS IN ENGINEERING, CONSTRUCTION, MAINTENANCE AND SUPPLY CHAIN

INCREASE IN ENROLLEMENT IN TRAINING PROGRAMS

THESE ARE ALL INDICATORS THAT ALLOW NEW MEXICANS TO EARN A LIVABLE WAGE CLOSE TO HOME



CONTACT INSTRUCTOR ANDY SWAPP AT:
575-461-4413
andys@mesalands.edu
FB Mesalands Wind Technician Training