



MESALANDS COMMUNITY COLLEGE

- Founded in 1979 as Tucumcari Area Vocational School
- Current Enrollment Just Under 1,000 students
- Mix of Traditional Students, Dual Enrollment Students, Students at Correctional Facilities, as well as Adult Basic and Continuing Education
- Ranked 7th, Most Affordable Community College in the United States
- Ranked 12th, WalletHub List of Best Community Colleges in America
- 44% Graduation Rate, Highest in the State among 2-Year Institutions
- Enrollment Growth in 5 of the Last 7 Semesters
- 16% Enrollment Growth over the last Two Years
- \$0 Student Debt/0% Student Default Rate
- Dual Enrollment from 17 New Mexico High Schools
- Unique Academic Programs from Paleontology and Artistic Bronzing, to Silversmithing

Thomas W. Newsom, Ph.D.

President

Mesalands Community College

MESALANDS COMMUNITY COLLEGE

WIND ENERGY TECHNICIAN TRAINING PROGRAM



Training on Mesalands 1.5MW GE wind turbine

NORTH AMERICAN WIND RESEARCH AND TRAINING CENTER (NAWRTC)



The North American Wind Research and Training Center located on Mesalands campus

- Artist concept in 2007
- 2008 up and running
- Developers could not find enough GE 1.5MW turbines to complete projects at this time.
- Mesalands accomplished the impossible
- NSF grants for testing bird and bat impact

WIND TECH TRAINING

GROUND SCHOOL

SAFETY

CLIMB & TOWER SAFETY/RESCUE

INTRO TO WIND

SITTING

TYPES OF TURBINES

ELECTRICAL THEORY

MECHANICAL

HYDRAULIC

SUPERVISORY CONTROL AND DATA
ACQUISITION (SCADA)



Simulation of a fallen worker rescue operation

GRADUATES/COMPLETERS 2015-16

- OCCUPATIONAL CERTIFICATE **7**
- 1 YEAR OCCUPATIONAL CERTIFICATION **13**
- AAS degree **7**
- Granite new hires trained **127**



Graduate Parker Thomas - Wind Technician Degree

THIS FALL'S ENROLLMENT

OCCUPATIONAL **11**

2YR DEGREE PROGRAM **13**

TOOTAL **24**

AN INCREASE OF **71%** FROM LAST FALL
SEMESTER

Granite new hires trained **TBA**



President Newsom looking over the campus and the greater
Tucumcari area.

EMPLOYERS WANTING OUR GRADUATES

GRANITE SERVICES

A SERVICE AND PROJECT ARM OF
GE RENEWABLES

NEXTERA ENERGY

WANZEK CONSTRUCTION & SERVICES

VESTAS WIND TURBINES

JAVALINA WIND FARM

HOUSE WIND FARM

APPIA WIND SERVICES

AVG STARTING PAY \$20.00/HR

\$90-125/DAY PER DIEM



Granite Services wind technician training on Mesalands turbine

STUDENT SUCCESS

CASEY WEST : MORIARTY, NM

WOWE SCHOLARSHIP WINNER

GRAINITE INTERSHIP

1YR CERTIFICATION COMPLETER

NOW GOING FOR HER DEGREE



Casey West Mesalands Wind Technician Student

FUTURE OF WIND

- POLICY (PTC)
- TRANSMISSION
- TRAINED WORKFORCE
- TAX BASE
- NATURAL RESOURCES
 - GOOD WIND
 - NO WATER USED IN WIND POWER PRODUCTION
 - EMBEDED ENERGY
 - CLEAN ENERGY



Senator Martin Hienrich came to Mesalands for his first climb of a commercial scale wind turbine



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