



WIND ENERGY

Applied Technology
Division

Northeast
community college

Northeast
community college

Wind Energy Technology

Diploma Option:

44 credit hours

Including Coop Internship

Associate of Applied Science Degree:

79 credit hours

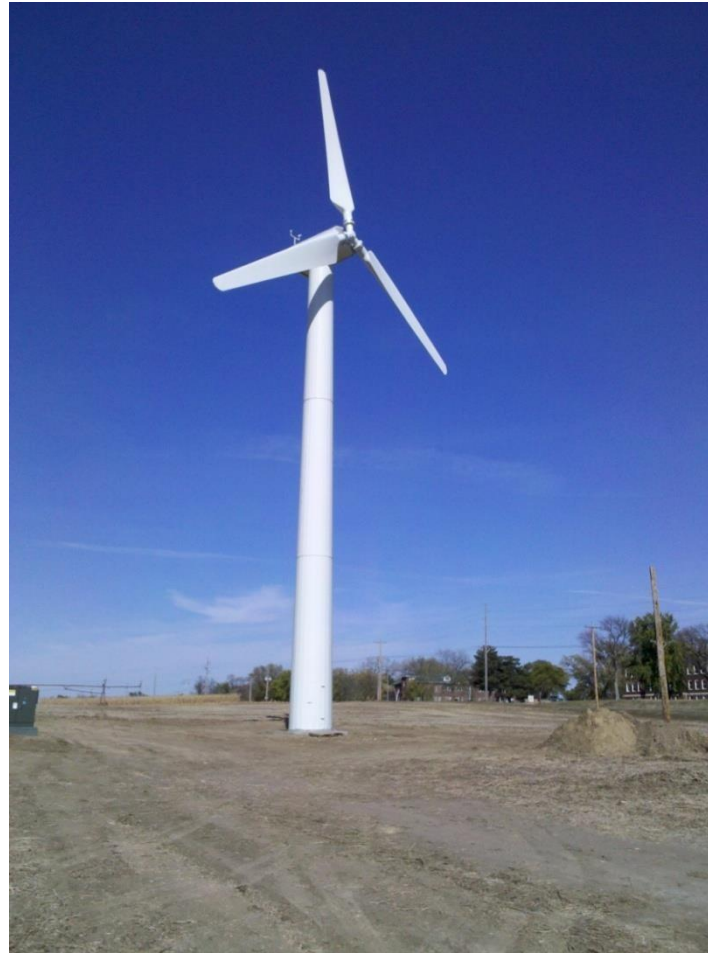
Wind Energy Graduates

**2011-2013 96% of the Wind Energy
Graduates are working in the Wind Energy
Industry!**

Wind Energy Placement

- Invenergy LLC
- ConAgra Foods
- Dixon Power Systems
- ES Wind Power
- General Electric
- Goian North America, LLC
- Outland Energy Services
- PPM and Emcor Co.
- Renew Energy Maintenance
- Vestas American Wind Technology

Fully Operational Unit



View From The Nacelle

Small and Large Scale Turbines



SCADA Micon 108

The screenshot displays the SCADA interface for a Micon 108 wind turbine. The window title is "M108_NE [72.15.175.189:11102] - C-more Console". The interface includes a menu bar (File, Control, Tool, Help) and a toolbar with buttons for "Save Image", "Start", "Stop", "Pause", "Setup", and "Fit". There are also "Receive" and "Send" status indicators.

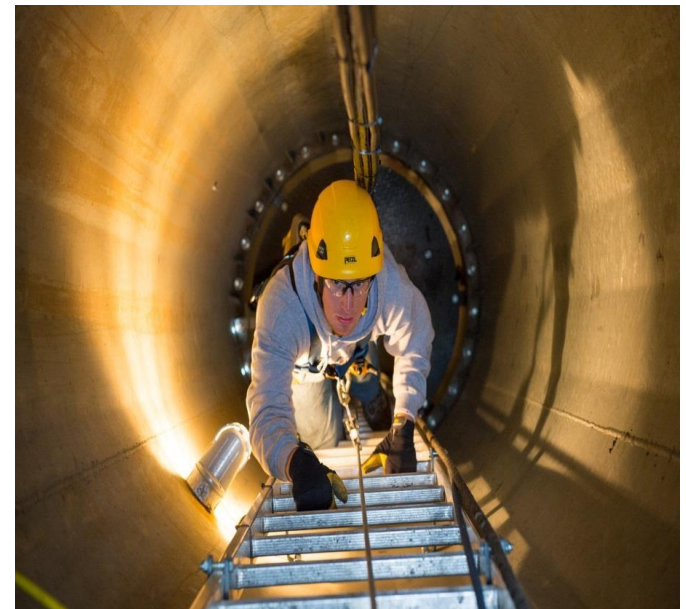
The main display area shows the following information:

- Time: 11:00:32 10/01/12
- Mode: Local Mode
- Net Energy: 53,354 kWh
- Frequency: 60.03 Hz
- Active Power: 0 kW
- Reactive Power: 0 kvar
- Factor: 1.00
- Voltage (Line 1, Line 2, Line 3): 493 V, 494 V, 492 V
- Current (Line 1, Line 2, Line 3): 0 A, 0 A, 0 A
- Gen Speed: 0 RPM
- Accel: 0.0 1/S²
- ASC Enable:
- PFC Enable:
- Gen Temp:
- PFC Feedback:

Control buttons on the left include "Config.", "Log", "Standby", and "Start". The bottom row features "Motor", "Brake", "Yaw", and "Turbine Status" buttons. The right side has a vertical stack of buttons: "Wind", "Grid", "Yaw", and "I/O".

At the bottom, the status bar shows "viewer - View Only Except Screen Change" and "NUM".

Climbing/Safety Exercises



Mechanical Systems





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