



Wind Turbine Technician

Diploma: NIACC

Industrial Division

Credit

38 semester hours

Contact:

Randy Bonde

(641) 422-4224

bonderan@niacc.edu

Program Description

The wind industry has established itself in Iowa over the last two years and with that comes the need for wind turbine technicians. NIACC has responded to the increased demand for skilled workers in the wind turbine field and has re-packaged portions of the Electromechanical Systems Technology program to accommodate the training needs. NIACC, in partnership with Florida Power Light and Energy has created a curriculum for teaching hydraulics/fluid power to current wind technician employees

Admission Requirements

- NIACC Application for Admission
- High school transcript or GED scores
- ACT scores or COMPASS assessment
- Other college transcripts

Curriculum

First Term (Fall Semester)

BUS-161 Human Relations

ELT-190 Introduction to Tech Computing & CAD

ELT-382 Electronic Circuit Analysis

ELT-790 Fluid Power

ELT-170 Introduction to PLC's

WTT-103 Introduction to Wind Energy

Second Term (Spring Semester)

ELT-210 Motor Control Circuits

ELT-550 Analog Devices

ELT-745 Maintenance Shop Operations

ELT-309 Electrical Circuits

ELT 734 Industrial Instrumentation

Program Fees

Tuition & Fees \$4,417.50

Books \$ varies

Other fees none

Total \$ 4,417.50 (+ books)

Career Potential

Students have the option to spend a summer internship with one of the local wind turbine companies to gain on-site experience. The rapid response to this growing industry is another example of the dedication by NIACC to meet the growing demands of industry and manufacturing in our region and state.