

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Wind Turbine Technician  
Certificate of Achievement

Curriculum Code: 1473 (Effective Fall 2014 – Summer 2019)

This certificate is intended to prepare students to work as an entry-level wind turbine technician. Wind turbine technicians are involved in various aspects of the installation and maintenance of all types and sizes of wind turbines. Technician need a working knowledge of all wind turbine concepts and design principles.

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

#### INFORMATION

Contact the Design & Construction Technologies Program, West Campus Building, Room M103, telephone number (517) 483-5338 (Website: [www.lcc.edu/design/alternative/](http://www.lcc.edu/design/alternative/)) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

#### REQUIREMENTS

CODE	TITLE	TOTAL: 41 CREDITS CREDIT HOURS
AEET 219	Wind Energies	3
DCTM 102	Industrial/Construction Safety (See Note 1)	2
ELTE 110	Practical Electricity (See Note 1)	3
ELTE 131	Machine Controls I	4
ELTE 141	National Electrical Code I	4
ELTE 150	Electric Motor Maintenance	2
ELTE 260	Programmable Controllers I	4
METS 110	Mechanical Power Transmissions (See Note 1)	4
METS 130	Industrial Hydraulics (See Note 1)	4
METS 140	Rigging (See Note 1)	3
METS 210	Lubrication and Bearings (See Note 1)	4
WELD 103	Combination Welding	4
<b>MINIMUM TOTAL</b>		<b>41</b>

#### NOTES:

1. Students who have already completed ELTE 102, HVAC 102, METS 102, or WELD 102 with a grade of 2.0 or higher may substitute one of these courses for DCTM 102. Any of these courses may also be used to fulfill the prerequisite for ELTE 110, METS 110, METS 130, METS 140 and METS 210.
2. To receive a certificate of achievement from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

#### SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

**I – Fall**

DCTM 102  
ELTE 110  
METS 110  
WELD 103

**II – Spring**

ELTE 131  
ELTE 141  
ELTE 150  
METS 210

**III – Fall**

AEET 219  
ELTE 260  
METS 130  
METS 140