

Millwright Certificate

Engineering Technologies Division

For Program Questions:

Dan Burklo
Dean of Engineering Technologies
(419) 267-1394
dburklo@northweststate.edu

For Admissions Questions:

NSCC Admissions Office
(419) 267-1320
admissions@northweststate.edu



www.northweststate.edu

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The Higher Learning Commission
(312) 263-0456*

www.ncahigherlearningcommission.org



Millwright Certificate

The millwright is trained to install, dismantle or move machinery and heavy equipment according to engineered plans, blueprints or other drawings. The skill level of the millwright ranges from rigger, welder and machine repairman to fabricator, pipefitter and machine reconditioner.

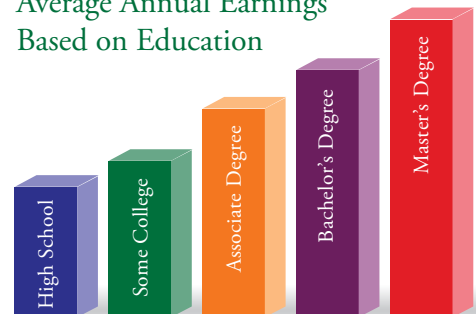
Coursework (100 level or higher) completed in this certificate directly applies toward the associate degree in millwright.

Career Outlook

Openings for millwrights will be found in areas where manufacturing is high. Related vocations are also a possibility with pipefitters and riggers, machine repairmen, structural iron and steel workers being in high demand.

Education Pays

Average Annual Earnings
Based on Education



2011-2012

Based on data from the Bureau of Labor Statistics

Program Sequence

First Semester *Credits*

+ IND132	Benchwork	2
MTH080	Review of Beginning Algebra	4
		6

Second Semester *Credits*

IND103	Applied Geometry & Trigonometry	3
+ MET110	Print Reading & Sketching	3
		6

Third Semester *Credits*

+ IND140	Principles of Machining	3
+ IND133	Applied Welding Techniques	3
		6

Fourth Semester *Credits*

+ IND232	Machine Repair	3
+ IND134	Industrial Fluid Power I	3
	General Studies Elective	3
		9

Fifth Semester *Credits*

+ IND130	Rigging & Erecting	2
+ IND131	Industrial Pipefitting	3
		5

Sixth Semester *Credits*

PHY101	Principles of Physical Science	3
+ QCT141	Precision Measurement	3
		6

***Total Program Credit Hours* 38**

+ Students must attain a minimum grade of "C" in all courses with a '+' to progress in the program and to graduate.

Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.



Millwright Certificate

Department of Engineering Technology

PROGRAM NAME & LENGTH

Name of Program: Millwright

Level of Program: Certificate

Program Length: 3 Semesters

RELATED OCCUPATIONS

U.S. Department of Labor's Standard Occupational Classification (SOC) code:

49-9044 Millwrights

Link(s) to the U.S. Department of Labor's O*Net Occupational Profiles:

<http://www.onetonline.org/link/summary/49-9044.00>

COST:

Total Tuition: \$5,032

Fees: \$450

Total Est. Costs for Books and Supplies: \$553

DEBT AT PROGRAM COMPLETION

Number of students completing the program between July 1, 2010 and June 30, 2011

Number of 2010-2011 Graduates: No 2010-2011 Graduates

For all Students completing program, the median cumulative debt for:

Federal Student Debt: No 2010-2011 Graduates

PROGRAM COMPLETION IN NORMAL TIME

Normal Time in Months to Complete Program: 12 Months