

# Millwright

## Engineering Technologies Division

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## Millwright

### *Associate of Applied Science in Industrial Technology*

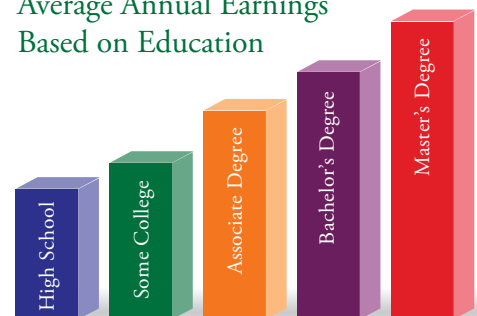
The millwright is trained to install, dismantle or move machinery and heavy equipment according to engineered plans, blueprints or other drawings. The skill level of the millwright ranges from rigger, welder and machine repairman to fabricator, pipefitter and machine reconditioner.

## 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

		<i>Credits</i>
ENG111	Composition I	3
MTH109	College Algebra	3
+ MET110	Print Reading & Sketching	3
IND132	Benchwork	2
+ IND140	Principles of Machining	3
IND110*	Industrial Computing I	3
		17

## Second Semester

		<i>Credits</i>
ENG112	Composition II	3
+ IND232	Machine Repair	3
IND103	Applied Geometry & Trigonometry	3
+ IND133	Applied Welding Techniques	3
	Communications Elective	3
		15

## Third Semester

		<i>Credits</i>
+ IND134	Industrial Fluid Power I	3
+ QCT141	Precision Measurement	3
+ IND130	Rigging & Erecting	2
+ IND131	Industrial Pipefitting	3
PHY101	Principles of Physical Science	3
	Humanities Elective	3
		17

## Fourth Semester

		<i>Credits</i>
+ IND141	Metallurgy & Heat Treatment	2
+ IND234	Industrial Fluid Power II	3
	Science Elective	4
	Social/Behavioral Science Elective	3
+	Technical Elective	3
		15

## Total Program Credit Hours **64**

\* Prior to taking IND110, students should have basic computer literacy in Windows and at least one Windows application.

+ 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.*

