

Plant Engineer Mechanical Maintenance Certificate

(Offered on the Marinette Campus)

Certificate Number 90-423-1

Description:

The Plant Engineering Mechanical Maintenance Certificate is designed for the person seeking an entry-level position in an industrial environment or additional training in an existing mechanical maintenance position.

Certificate Completers Will be Able to:

- Employ the use of measuring devices to industrial standards.
- Demonstrate weight estimation calculations and properly perform rigging operations.
- Identify pipe and pipe fitting types and sizes to industrial standards.
- Remove and install gear drives.
- Perform maintenance of small power tools.

Curriculum

CATALOG #	DESCRIPTION	HOURS
31-462-305 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 1-Safety & Layout ...mechanical calculators, instruments, safe shop practices, safety of operation of shop machinery, and layout techniques.	51
31-462-306 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 2-Rigging & Fastenr ...mechanical fasteners, rigging and lifting, structural steel.	51
31-462-307 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 3-Pipe, Valves & Se ...pipe and pipe fittings, valve types and functions, pumps and packing, and seal.	51
31-462-308 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 4-Mech Systems ...mechanical driven systems and bearings.	51
31-462-356 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 5-Hydraulics ...pressure controls, directional flow controls, fluids, filters and reservoirs, hydraulic pumps, actuators, positive displacement pumps and troubleshoot pumps.	51
31-462-306 <i>Offered in: Summer 2008 Fall 2008 Spring 2009</i>	Mech Maint 6-Sheetmetal ...heat treatment of metals, sheet metal, layout, tool maintenance, and repair.	51

For more information, please contact: The Marinette Campus, (715) 732-3870 or (800) 422-NWTC, extension 3870, or contact Donna Meves, Flexible Learning Manager, (920) 498-6872 or (920) 498-5431, donna.meves@nwtc.edu