



## 2016-2017 Certificate

**Certificate:** INDUSTRIAL/MOBILE HYDRAULIC MECHANIC (90-412-1)

**Credits:** 14 Credits

**Description:** In this certificate, program students will learn the fundamentals of repairing and maintaining industrial/mobile hydraulic equipment. This equipment includes diesel, gasoline, LPG and electric forklifts and aerial equipment including scissors lifts, straight and knuckle boom lifts, as well as diesel and gasoline powered light duty construction equipment. This certificate will focus on the hydraulic, electrical, and mechanical systems on these various types of equipment. Safety and operation will be stressed in the courses as well.

**Related program:** Diesel Equipment Technology

**Campuses Available:** Kenosha Campus

### REQUIRED COURSES

✓	<u>Semester One</u>	<u>Credits</u>	<u>Prerequisite</u>	<u>Corequisite</u>
	412-121 Shop Tools and Safety Principles	2		
	461-120 Small Power Equipment	3		
✓	<u>Semester Two</u>	<u>Credits</u>	<u>Prerequisite</u>	<u>Corequisite</u>
	412-118 I/C Engines	3		
	412-119 Mobile Electrical Systems	3		
	412-120 Mobile Hydraulic Systems	3	412-121	
	<b>Total Credits</b>	<b>14</b>		

NOTE: Students must complete a certificate program with a minimum of a 2.0 Program GPA.

NOTE: Prerequisites can be waived with departmental approval.