



Internal Certificate 2014-2015

**Diesel Equipment Technology
Horizon Center**

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

14 Credits

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 program 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.

REQUIRED COURSES

<u>Course Number</u>	<u>Course Title</u>	<u>Credits</u>
412-121	Shop Tools and Safety Principles	2
461-120	Small Power Equipment	3
412-120	Mobile Hydraulic Systems	3
412-119	Mobile Electrical Systems	3
412-118	I/C Engines (Prereq: 412-121)	<u>+3</u>
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