Industrial Mechanics Tech (IMT)

IMT 060 Industrial Core (3)

Class Hours: *36 Lecture | 54 Laboratory*

IMT 060 provides students with the basic professional skills needed in the industrial, welding or agricultural industries. The skills covered include basic safety, construction mathematics, hand and power tools, construction drawings, rigging, materials handling and employability skills.

IMT 061 Industrial Maintenance Mechanic Level I (3)

Class Hours: *18 Lecture | 108 Laboratory*

IMT 061 provides introductory training for the Industrial Maintenance Mechanic credentials. Topics include orientation to the trade, tools, fasteners and anchors, oxyfuel cutting, gaskets and packing, trade mathematics, construction drawings, pumps and drivers, valves, test instruments, material handling, mobile and support equipment, and lubrication.

IMT 062 Industrial Maint. Mechanic Level II (4)

Class Hours: *18 Lecture | 162 Laboratory*

IMT 062 provides students with intermediate skills needed to be an industrial maintenance mechanic. Topics include jobsite layout; components of piping systems; copper and plastic pipe; ferrous metal pipe; identification, installation and maintenance of valves; hydrostatic and pneumatic testing; bearings; low-pressure and high-pressure steam systems; distillation towers and vessels; heaters, furnaces, and heat exchangers; cooling tower; fin fans and tube work.

IMT 070 Industrial Maint. Mechanic Level III (4)

Class Hours: *18 Lecture | 162 Laboratory*

IMT 070 provides students with advanced skills needed to be an industrial maintenance mechanic. Topics include advanced trade math, precision measuring tools, installing bearings and couplings, setting baseplates and prealignment, conventional alignment, installing belt and chain drives and mechanical seals.