

INDUSTRIAL MAINTENANCE MECHANIC

PROGRAM DESCRIPTION:

Industrial maintenance workers maintain and repair factory equipment and other industrial machinery such as conveying systems, production machinery, and packaging equipment. This certificate provides entry-level marketable skills that give the student a basic understanding of terminology, construction math, safety, tools, print reading, communication skills, industrial maintenance, electrical, and construction. Student will develop fundamental skills required to gain employment in their designated skill. Courses are based on curriculum from the National Center for Construction Education and Research (NCCER).

CAREER AT A GLANCE:

HOW DO I KNOW IF THIS MAJOR IS FOR ME?

- You like repairing and maintaining machinery
- You enjoy troubleshooting and problem-solving
- You want to study controlling operations of industrial equipment
- You like testing devices
- You like performing physical activities and handling of materials
- You want OSHA safety training

Use Focus2Career on your MyChaffey portal to learn more about careers and majors that fit you best.

WHERE CAN I WORK?

Food Manufacturing	Aerospace Product & Parts Manufacturing
Machinery & Supply Wholesalers	Commercial Machinery Repair
Natural Gas Distribution	Petroleum and Coal Manufacturing
Industrial Machinery Manufacturing	Dairy Manufacturing

For more information visit: www.labormarketinfo.edd.ca.gov/OccGuides

HOW DO I GET STARTED?

- Start taking introductory electrical courses
- Job shadow and network with professionals in positions you wish to obtain in the future
- Meet with Industrial Electrical Technology faculty to learn more about apprenticeship programs
- Update resume to include technical and classroom experiences
- Include safety trainings on resume

WHAT CAN I DO WITH THIS CERTIFICATE?

<i>Position Title</i>	<i>CA Median Salary</i>
Machinery Mechanic	\$56,270
Heavy Equipment Mechanic	\$60,160
Machinist	\$43,400
Maintenance Repair Worker	\$41,240
Millwright	\$64,450
Manufacturing Production Technician	\$69,070
Boiler Operator	\$80,340
Machine Controller	\$39,170

WHAT CAN I DO WITH HIGHER EDUCATION AND ADDITIONAL TRAINING?

<i>Position Title</i>	<i>CA Median Salary</i>
Industrial Engineer	\$101,420
Electrical Engineer	\$110,880
Energy Engineer	\$107,150
Industrial Engineering Technician	\$65,010
Logistics Analyst	\$81,580
Mechanical Engineer	\$98,260
Manufacturing Director	\$106,460
Validation Engineer	\$107,150

For more information about careers, education and training requirements, salary data, and job outlooks visit www.onetonline.org.

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MAJOR AND COURSE REQUIREMENTS:

LEGEND: G=Grade IP=In Progress N=Need **Bold: Prerequisites** Plain Text: No Prerequisites

Requirements for the Industrial Maintenance Mechanic Certificate: (B272)

		Grade	IP	Need	Units
INDMM 400	Introduction to Construction Safety, Trade Math, Rigging, and Tools				3
INDMM 401	Basic Communication and Employability Skills and Core Testing				2.5
INDMM 402	Fundamentals of Industrial Maintenance, Oxyfuel, and Craft Skills				3.5
INDMM 403	Trade Math and Drawings, Material Handling, and Mobile Equipment				2.5
IET 422	OSHA Safety Training				2

Student Name: _____

ID#: _____

Date: _____

Counselor: _____

Requirements for the Industrial Maintenance Mechanic Skills Builder I Certificate: (O005) Non-Credit

		Grade	IP	Need	Units
INDMM 600	Introduction to Construction Safety, Trade Math, Rigging, and Tools				0
INDMM 601	Basic Communication and Employability Skills and Core Testing				0
INDMM 602	Fundamentals of Industrial Maintenance, Oxyfuel, and Craft Skills				0
INDMM 603	Trade Math and Drawings, Material Handling, and Mobile Equipment				0

Requirements for the Industrial Maintenance Mechanic Skills Builder II Certificate: (O006) Non-Credit

		Grade	IP	Need	Units
INDMM 604	Industrial Mechanical Math and Precision Tools				0
INDMM 605	Introduction to Industrial Piping				0
INDMM 606	Introduction to Valves, Bearings, and Testing				0
INDMM 607	Installation of Bearings, Couplings, Seals, and Drives				0

Requirements for the Industrial Maintenance Mechanic Skills Builder III Certificate: (O007) Non-Credit

		Grade	IP	Need	Units
INDMM 608	Setting Baseplates and Alignment				0
INDMM 609	Advanced Alignment				0
INDMM 610	Fundamentals of Pressure, Heating & Cooling Systems				0
INDMM 611	Troubleshooting Pumps and Gearboxes				0
INDMM 612	Advanced Blueprint Reading and Introduction to Supervisory Skills				0
INDMM 613	Advanced Mechanical Topics I				0
INDMM 614	Advanced Mechanical Topics II				0

COUNSELOR NOTES:

\$46 per unit for CA Residents

In addition to completion of the MAJOR, there are other requirements for the degree, refer to the Chaffey College Graduation Requirement Sheet or see a counselor in the Counseling Center. All courses required for a certificate must be completed with a minimum grade of C.