

GENERAL MECHANIC

8/18

Special Note:

Course Title	Base Program		Study Unit
	Course Number	Course Duration	
Trades Safety: Getting Started	186104	5 hours	Print
Whole Numbers	007013	10 hours	Print
Fractions	007014	10 hours	Print
Decimals	007015	10 hours	Print
Measurement	007016	10 hours	Print
Ratio, Proportion and Percent	007017	10 hours	Print
General Review	007018	10 hours	Print
Elements of Print Reading	6719A-B	20 hours	Print
Reading Shop Prints	386043-386044	20 hours	Print
Reading Piping Prints	6732	10 hours	Print
Fundamental Principles of Rigging Technology	286016	10 hours	Print
Planning the Rigging Operation	286017	10 hours	Print
Working with Rigging Tools, Part 1	286018	10 hours	Print
Working with Rigging Tools, Part 2	286019	10 hours	Print
Formulas	186012	5 hours	Print
Practical Geometry and Trigonometry	5567	10 hours	Print
Precision Measuring Instruments, Part 1	186068	10 hours	Print
Precision Measuring Instruments, Part 2	186069	10 hours	Print
Principles of Mechanics	286007 - 286008	20 hours	Print
Engineering Mechanics, Part 1	286036	10 hours	Print
Engineering Mechanics, Part 2	286037	10 hours	Print
Heat	686001 - 686002	20 hours	Print
Insulation for Pipefitting	6814	10 hours	Print
Hydraulic Fundamentals (Diesel and Automotive)	00J1	15 hours	Print
Hydraulic System Components (Diesel and Automotive)	00J2	15 hours	Print
Hydraulic System Maintenance (Diesel and Automotive)	00J3	15 hours	Print
Mechanical Power Transmission	286101	10 hours	Print
Steam Turbine Management and Governing	2506	10 hours	Print
High Pressure Pipefitting	2452	10 hours	Print
Fluid Mechanics, Part 1	286010	10 hours	Print
Pumps, Part 1	286001	10 hours	Print
Pumps, Part 2	286002	10 hours	Print
Bearings and Seals	286093 - 286094	20 hours	Print

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Bench Work	5004 A-C	30 hours	Print
Fundamentals of Welding Part1-2	286025-286066	20 hours	Print
Common Thermal Cutting Processes	286028	10 hours	Print
Surface Grinding, Part 1	386012	10 hours	Print
Layout	3501	10 hours	Print
Pipefitting Practice	5581	10 hours	Print
Machine Sketching	5807	10 hours	Print

Estimated Total Curriculum Duration: 485 hours.

Number of Exams: 48.

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