

Concrete Workers

	<i>Basic Concrete Work (Archived)</i>	<i>Concrete 1 (archived)</i>	<i>Concrete Residential</i>	<i>Concrete I</i>	<i>Concrete II</i>	<i>Concrete - Commercial and Industrial</i>	<i>Field Engineering I</i>	<i>Residential & Light Commercial Blueprint Reading</i>	<i>Basic Construction Safety</i>	<i>Construction Methods & Materials (Archived)</i>	<i>Construction Technology 1</i>	<i>Commercial/Industrial Blueprint Reading</i>	<i>Construction Tools and Techniques</i>	<i>Introduction to Carpentry</i>
	MBST 1001	CNBT 1013	CNBT 1313	CNBT 1413	CNBT 1049, 1349	CNBT 1449	CNBT 1015, 1315, 1415	CNBT 1000, 1300, 1400	CNBT 1010, 1110, 1210	CNBT 1011, 1211, 1311, 1411	CNBT 1016, 1316, 1416, 1516	CNBT 2010, 2310, 2410	CNBT 1018, 1318, 1418	CRPT 1029, 1329, 1429
Skills														
Safety and Good Work Habits	X	X	X	X	X	X			X	X	X		X	X
Learning to Set Screeds and Layout Work		X	X	X	X	X	X			X	X	X		X
Learning Proper Mix and Consistency	X	X	X	X						X				X
Pouring and Tamping Concrete					X	X				X				
Using Vibrating Machine		X	X	X	X	X				X	X		X	
Rough Finishing, Hand or Machine; Floating	X	X	X	X	X	X							X	
Floating hand Troweling to Smooth Finish	X	X	X	X	X	X							X	
Patching, Hand Rubbing	X	X	X	X	X	X				X			X	
Marking and Edging					X	X						X	X	
Protecting Newly Poured and Laid Concrete from Weather, Rain, Sun, Wind		X	X	X	X	X				X				
Basic Safety	X	X	X	X	X	X	X		X	X	X		X	X
Introduction to Construction Math	X	X	X	X	X	X	X	X				X		X
Introduction to Hand Tools	X	X	X	X			X		X		X	X	X	X
Introduction to Power Tools	X	X	X	X					X		X		X	X
Introduction to Blueprints	X	X	X	X	X	X	X	X		X	X	X		X

Basic Rigging		X	X	X	X	X			X	X	X		X	X	
Introduction to Concrete Construction and Finishing	X				X	X	X	X					X		X
Properties of Concrete	X									X					
Preparing for Placement		X	X	X	X	X			X	X	X				
Placing Concrete		X	X	X	X	X				X	X				
Finishing: Part 1		X	X	X	X	X		X							
Curing and Protecting Concrete					X	X									
Introduction to Troubleshooting	X	X	X	X			X								X
Properties of Concrete: Part Two					X	X									
Estimating Concrete Quantities							X					X	X		X
Forming		X	X	X	X	X				X	X	X	X		
Site Concrete			X	X	X	X		X		X	X	X	X		
Architectural Finishes	X	X	X	X	X	X		X		X		X			
Industrial Floors		X	X	X	X	X		X		X		X			
Super Flat Floors					X	X	X			X	X	X	X		
Surface Treatments	X							X		X	X	X	X		X
Quality Control	X	X	X	X	X	X	X	X		X	X	X	X		X
Making Repairs							X			X					X

Elevator Operators

	Industrial Electronics	Introduction to Direct Current Circuits	Electric Motors	Electrical Work Safety Management for Safety Professionals	Industrial Equipment Maintenance	Industrial Equipment Maintenance	Basic Blueprint Reading	Basic Hydraulics	Basic Fluid Power I (Hydraulics)	Hydraulics Fabrication and Repair	Introduction to Shop Safety and Tools	Basic Electrical Systems	Basic Electrical Theory	Industrial Wiring	AC/DC Drives	Assembly and Rigging	Industrial Scaffolding and Rigging	Building Maintenance I	Mechanical Maintenance	Electrical Motors Operation and Maintenance	
	ELMT 2033, 2233, 2433	IEIR 1x02	IEIR 1x06	IEIR 1040	IEIR 1x43	IEIR 1x14	DFTG 1x22	HYDR 1x05	HYDR 1x09	HYDR 1x50	DEMIR 1x00	DEMIR 1x05	ELPT 1x11	ELPT 1x57	ELPT 2x31	AERM 2x33	CBFM 1x21	CBFM 1x11	CBFM 2x17	ELTN 1046	
Skills																					
Elevator History and Basic Safety											x										
Basic Print Reading							x														
Handling Material and Tools											x										
Rigging and Hoisting																x	x				
Pit Equipment																					
Guide Rails																					
Machine Room Equipment																					
Hoistway Equipment																					
General Maintenance Procedures																		x			
Maintenance of Traction Elevators								x												x	
Maintenance of Hydraulic Elevators					x			x												x	
Maintenance of Escalators and Moving Walks								x												x	
Electrical				x								x	x								
Motor Control and Fault Finding																					x
Hydraulic and Installation									x												
Basic Electronics and Solid State	x																				
Machinery Troubleshooting/Repair	x									x											
Electrical Theory			x			x															
AC & DC Motors, Generators and Motor Control		x				x									x						
Elevator Related Circuits and Basic Circuit Analysis	x																				
Construction Wiring and Equipment														x							

Advanced Print Reading			x	x				x	x		x	x	x	x	x	x				x	x		x	x				x	x	x	x
Ergonomics		x	x	x	x	x	x	x		x		x	x	x	x	x				x	x		x	x	x	x	x	x	x	x	

Heavy Equipment Operators

	Heavy Equipment Operators	Tracks and Undercarriages	Natural Gas Compression	ST in Heavy Equipment Maintenance & Repair	Introduction to Shop Safety	Basic Driving Skills	Basic Electrical	Diesel Engine I	Diesel Engine Testing Repair	Fuel Systems	Power Train I	Heating, Ventilation, and Air Conditioning	Preventative Maintenance	Power Train Application I	Power Train II	Electronic Controls	Power Train Application	Special Topics in Diesel Engine Maintenance and Repair	Material Handling Equipment	Job Site Layout & Development	Forklift Operator Certification	Earth Moving Equipment Operation	Professional Truck Driver I	Professional Truck Driver II	Introduction to Welding Using Multiple Processes	Maintenance Welding	Welding Safety, Tools, and Equipment
	HEMR 1x01	HEMR 1x04	HEMR 1x91	DEMR 1x01	DEMR 1x03	DEMR 1405	DEMR 1x06	DEMR 1x10	DEMR 1x13	DEMR 1x21	DEMR 1x23	DEMR 1x29	DEMR 1x42	DEMR 1x47	DEMR 2332	DEMR 2445	DEMR 1x91	CNSE 1x10	CNSE 1x21	CNSE 1x03	CNSE 1x41	CVOP 1x13	CVOP 1x40	WLDG 1x07	WLDG 1x15	WLDG 1x23	
Skills																											
Construction Machinery (Bulldozers, Power Shovels, Graders, Scrapers, Pay Rollers)																					X						
Construction Machinery Equipment (Wenches, Arches Angle, Straight Dozer Blades, Cabs, Hydraulic System)		X							X			X	X		X						X						
Running Gear (Track Chains, Track Rollers, Front Idlers, Top Idlers, Pads, Wheels)																					X						
Power Train Assemblies (for Accessories)					X	X			X			X	X		X												
Gas and Diesel Engines			X		X	X	X	X																			
Troubleshooting			X		X	X	X	X	X			X	X		X												
Carburetor Repairing	X	X	X																								
Graders																					X						
Scarpers, self-propelled																					X						
Compaction Equipment																					X						
Tractor-Type Skip Loaders/Hi-Lifts																	X		X	X							
Wheel-Type Tractors, including Forklifts, Lumber Carriers, etc.																	X		X	X							
Grade Stakes																					X						
Trenching Machines																					X						

WLDG 1035, 1435, 1535	WLDG 1037, 1337, 1437	WLDG 1057, 1457, 1557	WLDG 2053, 2453, 2553	WLDG 2043, 2443, 2543	WLDG 2047, 2447, 2557	WLDG 2052, 2352, 2452	CNBT 1206	CNBT 1007, 1207, 1307, 1407	CNBT 2010, 2310, 2410	DFTG 1015, 1215, 1315	CNBT 2018, 2318, 2418	ENTC 1047, 1347, 1447, 1547	OSHT 1005, 1305, 1405, 1505	OSHT 1007, 1207, 1307	OSHT 1016, 1316, 1416	OSHT 2001, 2401, 2501	ARCE 1015, 1315, 1415
	X	X		X	X		X	X	X	X	X	X	X	X	X		
	X	X		X			X	X	X	X	X	X	X	X	X		
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
X		X	X	X	X	X				X	X	X	X	X	X	X	
							X	X	X	X							X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
	X	X		X			X	X	X	X	X	X	X	X	X		X
							X	X	X	X	X	X	X	X	X		
											X	X	X	X		X	
											X	X	X	X		X	