

Heavy Equipment Operator

has eleven possible career paths

HEO Motor Grader, HEO Compaction Equipment, HEO Loader, HEO Scraper, HEO Backhoe, HEO Dozer, HEO Off-Road Dump Trucks, HEO Excavator, HEO Operations Craft Completion, HEO Forklift, and HEO Skid Steer.

The tables below indicate the modules, registry ID number, and number of hours required for each credential. The tables also indicate the level of the craft where each module can be found.

HEO Motor Grader	Module ID	Level	Total 205 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Motor Graders	22305	Level Three	40 hours

HEO Compaction Equipment	Module ID	Level	Total 215 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Compaction Equipment	22203	Level Three	25 hours
Finishing and Grading	22307	Level Three	25 hours

HEO Loader	Module ID	Level	Total 182.5 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Loaders	22205	Level Two	17.5 hours

HEO Scraper	Module ID	Level	Total 182.5 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Scrapers	22204	Level Two	17.5 hours

HEO Backhoe	Module ID	Level	Total 190 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Backhoes	22303	Level Three	25 hours

HEO Dozer	Module ID	Level	Total 195 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Dozers	22302	Level Three	30 hours

HEO Off-Road Dump Trucks	Module ID	Level	Total 195 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Off-Road Dump Trucks	22310	Level Three	30 hours

HEO Excavator	Module ID	Level	Total 200 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Excavators	22304	Level Three	35 hours

HEO Operations Craft Completion	Module ID	Level	Total 557.5 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Rough Terrain Forklifts	22206	Level Two	22.5 hours
On-Road Dump Trucks	22202	Level Two	20 hours
Excavation Math	22207	Level Two	17.5 hours
Interpreting Civil Drawings	22209	Level Two	20 hours
Site Work	22210	Level Two	20 hours
Soils	22308	Level Two	10 hours
Skid Steers	22212	Level Two	22.5 hours
Loaders	22205	Level Two	17.5 hours
Scrapers	22204	Level Two	17.5 hours
Finishing and Grading	22307	Level Three	25 hours
Compaction Equipment	22203	Level Three	25 hours
Backhoes	22303	Level Three	30 hours
Off-Road Dump Trucks	22310	Level Three	30 hours
Dozers	22302	Level Three	30 hours
Excavators	22304	Level Three	35 hours
Motor Graders	22305	Level Three	40 hours

HEO Forklift	Module ID	Level	Total 120 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Rough Terrain Forklifts	22206	Level Two	22.5 hours

HEO Skid Steer	Module ID	Level	Total 157.5 hours
Orientation to the Trade	22101	Level One	5 hours
Heavy Equipment Safety	22102	Level One	15 hours
Identification of Heavy Equipment	22103	Level One	5 hours
Basic Operational Techniques	22104	Level One	27.5 hours
Utility Tractors	22105	Level One	17.5 hours
Introduction to Earthmoving	22201	Level One	12.5 hours
Grades	22106	Level One	15 hours
Excavation Math	22207	Level Two	17.5 hours
Site Work	22210	Level Two	20 hours
Skid Steers	22212	Level Two	22.5 hours