



Heavy Equipment Operations Certificate

Three-Semester Pathway - Academic Year 2018-2019

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
	Mathematics Elective (100-level or higher)	MATH-130 Technical Mathematics	MATH-030		3	
HEOP 100	Introduction to Construction Safety for Heavy Equipment Operators		HEOP Program Acceptance		1	
HEOP 115	Principles of Heavy Equipment Operations: Maintenance and Service			HEOP 100, HEOP 130	3	
HEOP 130	Backhoe, Excavator & Bulldozer (Sim Lab)			HEOP 100, HEOP 115	3	
FIGS 100	Freshman Interest Group				1	
Semester 2						
HEOP 145	Principles of Site Finishing and Grades		HEOP 100		3	
HEOP 160	Backhoe, Excavator & Bulldozer (Site Lab)		HEOP 115		3	
ENGL 100	English 100		ENGL-090, ENGL-095		3	
WELD-100	Introduction to Welding				3	
Summer						
HEOP 175	Heavy Equipment Operations Internship		HEOP-130, HEOP-145, HEOP-160		4	

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Required Courses					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
FIGS-100	Freshman Interest Group			1	
HEOP-100	Introduction to Construction Safety for Heavy Equipment Operators	HEOP program acceptance		1	
HEOP-115	Principles of Heavy Equipment Operations: Maintenance and Service		HEOP-100, HEOP-130	3	
HEOP-130	Backhoe, Excavator, and Bulldozer (Sim Lab)		HEOP-100, HEOP-115	3	
HEOP-145	Principles of Site Finishing and Grades	HEOP-100		3	
HEOP-160	Backhoe, Excavator, and Bulldozer (Site Lab)	HEOP-100, HEOP-115, HEOP-130	HEOP-145	3	
HEOP-175	Heavy Equipment Operations Internship	HEOP-130, HEOP-145, HEOP-160		4	
	Mathematics Elective (100-level or higher)	MATH-030		3	
WELD-100	Introduction to Welding			3	