



## Heavy Equipment Operations Certificate

Three-Semester Pathway - Academic Year 2019-2020

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	
<b>Semester 2</b>						
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	
<b>Summer</b>						
HEOP-175	Heavy Equipment Operations Internship		HEOP-130, HEOP-145, HEOP-160		4	

## Heavy Equipment Operations, Certificate

<b>Required Courses</b>					
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>PREREQUISITES</b>	<b>COREQUISITES</b>	<b>CREDITS</b>	<b>MET</b>
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	