

Student ID: _____
 Student Name: _____
 Adviser Name: _____

Catalog: 2026-2027 College Catalog
 Program: Heavy Equipment Operations, CAS
 Minimum Credits Required: _____

Heavy Equipment Operations, CAS

Advanced Technology

This program is designed to provide students with the skills and knowledge required to operate and maintain heavy equipment safely and efficiently. Students will gain hands-on experience with dozers, skid steers, mini excavators, and backhoes, preparing them for careers in construction, excavation and site development. This program emphasizes safety, precision, and industry standards, combining practical training with theoretical knowledge to ensure a well-rounded education. As an additional part of the program students will also complete CDLT 101 - Commercial Driver's License Training, enabling them to earn their CDL, a valuable credential for operating and transporting heavy equipment.

Required Courses

First Semester

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
HEOP 102 - Dozier Operations	4 Credit Hours			
HEOP 104 - Skid Steer Operations	4 Credit Hours			
HEOP 106 - Mini Excavator Operations	4 Credit Hours			
HEOP 108 - Backhoe Operations	4 Credit Hours			

Total Semester Credit Hours: 16

Second Semester

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
ENGL 101 - Composition	3 Credit Hours			
or				
ENGL 107 - Introduction to Technical Writing and Communication	3 Credit Hours			
MATH 104 - Math for Industrial Trades	3 Credit Hours			
or				
MATH 109 - College Algebra	3 Credit Hours			
CDLT 101 - Commercial Driver's License Training	6 Credit Hours			
HEOP 200 - Capstone: Integrated Heavy Equipment Operations	2 Credit Hours			

Total Semester Credit Hours: 14

Total Program Credit Hours: 30

Notes: