

HEAVY EQUIPMENT OPERATIONS APPRENTICESHIP (AAS)

Associate of Applied Science

Career-Technical Program

Interest Areas:

Manufacturing and Trades

This program is offered in partnership with NIC's Workforce Development and Career and Technical Education division. It is specifically designed for students who have completed a state or federally-approved Heavy Equipment Apprenticeship program consisting of 6000 hours of on-the-job training and 557.5 hours of classroom instruction.

The Heavy Equipment Operator Apprenticeship Program covers the foundational skills of safety, pre and post-operation checks, site planning and layout, and operations for a range of light-duty and heavy equipment. Heavy Equipment Operations supports multiple unique training pathways and credentials for Utility Tractors, Forklift, Loader, Dozer, Motor Graders, and more. The three-level Heavy Equipment Operations curriculum is designed to be used flexibly in conjunction with other craft training material. It also complies with the U.S. Department of Labor's standards for apprenticeship programs.

Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Students will be required to pay a per credit fee to transcript the Heavy Equipment courses to their academic record. Completion of general education requirements may occur before, at the same time, or after completion of the apprenticeship courses.

Contact Information:

Apprenticeship Coursework:

NIC Workforce Training Center

Phone: (208) 769-3333

Website (<https://northidaho.augusoft.net/>)

General Education Coursework:

Office of Instruction

Phone: (208) 769-3400

Program Requirements

Code	Title	Credits
General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5

Program Requirements

VLAP-101	Heavy Equipment Operator Apprenticeship - 1st Year	15
VLAP-102	Heavy Equipment Operator Apprenticeship - 2nd Year	15
VLAP-103	Heavy Equipment Operator Apprenticeship - 3rd Year	15

Total Credits **60-65**

Course Key



GEM



AAS
Institutionally
Designated



Gateway



Milestone

Program Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate heavy equipment maintenance.
2. Differentiate aspects of a site plan.
3. Employ leverage, motion, and momentum during heavy equipment operation.
4. Implement safe practices.
5. Maintain current OSHA/MSHA certifications and qualifications.
6. Operate competently no less than four (4) types of heavy equipment.
7. Relate grade to a given task.
8. Act professionally with mutual respect.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements; Written and Oral Communications; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.