

CONSTRUCTION APPRENTICESHIP AAS

Associate of Applied Science

Career-Technical Program

Interest Areas:

Manufacturing and Trades

This program is offered in partnership with NIC's Workforce Training Development and Career Technical Education division. It is specifically designed for students who have completed a federally approved Construction Apprenticeship program consisting of 8,000 hours of on-the-job training and 576 hours of classroom instruction.

The Carpentry program helps learners to build general carpentry skills, before moving into advanced topical coverage of framing and finishing carpentry, as well as concrete and form carpentry. The unique three-tier approach to Carpentry complies with the U.S. Department of Labor's standards for apprenticeship programs, while also supporting short programs focused on specific carpentry career pathways.

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 Construction 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		
CLAP-101	Construction Apprenticeship - 1st Year	12
CLAP-102	Construction Apprenticeship - 2nd Year	12
CLAP-103	Construction Apprenticeship - 3rd Year	12

CLAP-104 Construction Apprenticeship - 4th Year 12

Total Credits

63-68

Course Key



GEM



AAS
 Institutionally
 Designated



Gateway



Milestone

Program Outcomes

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

1. Demonstrate proficiency in reading and interpreting construction drawings and apply basic construction math skills to accurately estimate material and quantities.
2. Execute site layout and building control tasks with accuracy, including the use of survey equipment and techniques.
3. Construct wood and steel (non-welded) framing systems, demonstrating an understanding of structural principles and construction techniques for interior and exterior walls including the appropriate finishes.
4. Design and assemble concrete formwork systems for various structural components, ensuring stability and proper alignment, incorporating proper ironwork, and concrete finishing.
5. Perform tenant finish-out tasks, including the installation of doors, frames, and hardware, ensuring proper fit and functionality.
6. Implement and adhere to construction safety protocols, demonstrating an understanding of occupational health and safety regulations.

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