West Fargo High School

Building Trades I

2025-2026 Syllabus

Fall 2025

Course Information

Course Title: Building Trades I

Grade: 10 - 11
Elective credits, 2

Communication:
- Email: lwhite@west-fargo.k12.nd.us
- Office: 137G
- Teacher will respond to emails during school hours.
- Check PowerSchool grades often to make sure students work is completed and correct.

North Dakota State College of Science

Dual Credit: Carpentry Fundamentals BCT 133

Course Description

This course is primarily lecture focused on the basics of carpentry. Course modules consist of orientation to the trade, building materials and fasteners, hand and power tools, floor assemblies, wall assemblies, roof assemblies, building envelops, and basic stair layout.

Learning Goals/Outcomes

Upon completion of this course, the student will be able to:

1. Basics of the carpentry trade
2. Differences between building materials and fasteners and when to use them
3. Basic tool operation and safety
4. Common methods and materials regarding floor assemblies
5. Common methods and materials regarding wall assemblies
6. Common methods and materials regarding roof assemblies
7. Common methods and materials regarding the building envelope
8. Basic stair assembly

North Dakota State College of Science

Dual Credit: Rough Carpentry BCT 131

Course Description

This course is primarily laboratory focused consisting of proper construction of floor, wall and roof assemblies using appropriate means and methods in regard to building codes and applicable drawings. The students are also developing their skills as crew members and starting to develop leadership skills in preparation for Building Trades II.

Textbook and Required Materials

 Modern Carpentry, NCCER Level 1 &2, Residential Carpentry

PPE (hard hat, safety glasses, safety vests, appropriate clothing, etc.) Must be worn during lab.

Not responsible for the loss or damage of Personal Tools.

Learning Goals/Outcomes

Upon completion of this course, the student will be able to:

1. Learn the basics of being an effective crew member

2. Learn communication skills and safety awareness

3. Learn teamwork including effective communication within a crew

4. Become familiar with common carpentry tools, materials, and fasteners

5. Accurately record daily logs

6. Construct and erect a floor system using appropriate means and methods per applicable drawings and building codes

7. Construct and erect wall assemblies using appropriate means and methods per applicable drawings and building codes

8. Construct and erect roof assemblies using appropriate means and methods per applicable drawings and building codes

9. Locate and layout all building systems keeping other trades in mind such as Plumbing, HVAC, and Electrical.

Grading and Evaluation

Students will be graded by the instructor on their ability to construct different building assemblies and assignments. Each member of the group should have a thorough understanding of every

aspect of the construction of the project. This grade will be for individual participation in the group and for the overall quality of work performed and accountability skills.

Grading:

• Daily work, tests, and Lab points are weighed the same.

• Students are accountable for getting makeup work when they are gone.

• Late work will be accepted until the end of that unit. Work from previous units will result in a loss of points.

• Career Ready Rubrics will be used to assess a student's career readiness skills.

Additional grading will be assessed by generalized tasks performed in lab such as building layout, door frame installation, framing methods, working bell to bell, etc.

Final letter grades will be based on the following criteria:

Exceptional performance and quality of work (90-100%) = A

(Ex. Student demonstrated the ability to be an effective crew member. This includes all expectations for receiving a "B and C".)

Above average performance and quality of work (80-89%) = B

(Ex. Student demonstrated their ability to plan ahead and prevent problems and issues but needs experience to become an effective crew member. This includes all expectations for a receiving "C".)

Average performance and quality of work (70-79%) = C

*(Ex. Student demonstrated the ability to be to work on-time, **no** unexcused absences, with appropriate safety gear, tools, clothing, etc. Student was also an active member of the crew)*

Below average performance and quality of work (60-69%) =D

(Ex. Student was tardy and un-prepared for daily tasks. Student had 1 or more unexcused absences. Student was not active as a crew member and did not have appropriate safety gear, tools, clothing, etc.)

Failed to perform as a team member and quality of work was unacceptable (under 59%) = F

(Ex. Student had 1 or more unexcused absences and was tardy and un-prepared for daily tasks. Student was not active as a crew member did not have appropriate safety gear, tools, clothing, etc.)

Attendance Policy

Regular attendance, promptness and participation in classes, laboratories and/or shops are expected of each student. The attendance policy as set forth by the West Fargo Public Schools will

be in effect. Further information on attendance Is available on the district's policy page and student handbook.

Tie to Assessment Outcomes

1. Students will demonstrate and learn practices and procedures used in the construction industry

2. Students will demonstrate good verbal and written communication skills

3. Students will demonstrate the ability to work as part of a team

4. Students will have comprehensive knowledge of construction safety practices.

Course Expectations

Students are expected to use the class Schoology page to complete and turn in assignments.

Each student will be an active member of a small group and contribute to the completion of the project equally.

WFPS ACADEMIC INTEGRITY

The learners and staff at West Fargo Public Schools value academic honesty and integrity. A key part of an educator's job is to assess what a learner knows, understands and is able to do. Cheating produces results on

assessments that do not allow an educator to accurately assess a learner's knowledge and skill and thus makes it even harder for educators to help their learners succeed.

Academic Dishonesty includes, but is not limited to:

• Copying another learner's work.

• Submitting work that was completed by someone else as if it were your own.

• Plagiarism – Presenting another individual's ideas as your own, failing to cite others in writing.

• Unauthorized use of Artificial Intelligence (AI) – see AI practices for more information.

• Using unauthorized materials to complete any assessment.

• Completing work in a group when not authorized to do so by the educator.

• Looking at another learner's materials during any assessment when not authorized.

• Providing answers to another learner before or after a test and/or quiz.

• Taking educator materials (tests, keys, example questions, etc.) without receiving approval from the educator.

• Leaving classroom materials out and visible during an assessment.

• Using any form of technology (e.g. computers, calculators, cell phones) to provide or receive unauthorized content.

• Any other behavior in submitting work which is performed with the intent of misrepresenting one's

performance.

Further information on attendance Is available on the district's policy page and student handbook.

ADA Statement

Any student who feels they may need an accommodation based on the impact of a disability should contact their instructor privately to discuss specific needs.

Hybrid/Virtual Learning: (This portion will be updated if hybrid or virtual learning happens)
- Be prepared by keeping your iPad firmware up to date and charged.
- Check Schoology and Email
- TEAMS Etiquette:
  - Keep Microphone off unless speaking.
  - Turn Camera On.
  - Locate yourself in a quiet space.
  - Use Chat as a source of communication.
  - Casual Attire
  - All work is due that day unless otherwise noted.