

Course Profile:

Construction Trades

Years 1 & 2

Course Location St. Johns

Year 1 Prerequisite

- 1) Students must have local approval based on high school graduation requirements.

Year 2 Prerequisite

- 1) Students must have local approval based on high school graduation requirements.
- 2) Construction Trades I.
- 3) Students must complete the intent to return process.
- 4) Instructor approval.



Year 1 Description

This course will be taught using a combination of presentations both in the laboratory and on the job site. Lumber industry careers, blueprint reading, estimating, and safety will be covered.

Students will become acquainted with the procedures for purchasing land, developing sites, securing utilities, hiring contractors, securing permits, building procedures and project closeout. Students will be exposed to blueprint reading, estimating and ordering materials, and installing materials according to codes and specifications.

- The student will demonstrate substantial proficiency in the basic building procedures and practices.
- Emphasis will be placed on the need for safe work habits and the development of cooperative working relations.
- The student must develop an ability to see a job that needs to be done and do it.

This course provides the opportunity to earn the following **articulated credits** from **Lansing Community College**:

Credits – Year 1

HVAC 102 (2 credits) Industrial / Construction Safety

To be eligible to earn credit, students must achieve:

- Accuplacer reading level 3
- Accuplacer writing level 2

BLDT 120 (4 credits)

Structural Framing

- Accuplacer reading level 4
- Accuplacer writing level 4
- Accuplacer math level 4
- Minimum 2.0 in DCTM 102 or ELTE 102 or HVAC 102 or METS 102 or WELD 102 or concurrently enrolled

Accuplacer Assessment

To be eligible to receive Lansing Community College (LCC) credit for the course, students are **required** to take the Accuplacer assessment exam and obtain the listed minimum scores. LCC will admit students before the beginning of the school year as a necessary step prior to Accuplacer testing. The exam is taken as part of the course in the fall.

LCC staff will admit all incoming Career Connections students prior to the end of the current school year. At the session, students will need to bring their driver's license and Social Security card, as well as supply their full legal name, Social Security number, and correct address, including apartment numbers or P.O. box numbers. Schools will let students know the date when this enrollment is scheduled.

If on the first attempt a student does not attain the required scores, retakes are an option. The Accuplacer exam can be waived if a student submits ACT or SAT test results for verification that list comparable scores. Further Accuplacer exam information is available from the course instructor or by calling the Lansing Community College North Campus at 989-224-2017.

Articulated Course Credits

Career Connections students are eligible for both high school and Lansing Community College credit. As is the case with all classes, students must earn the credit; it is not automatically granted by simply attending the class.

By enrolling in this course, students are eligible for articulated, pass/fail credit. To officially

receive the credit, students must enroll at LCC within two years of completing the course.

When sending application information to post-secondary institutions (colleges, universities, community colleges, trade schools, etc.), students should include the credit information listed on this sheet so that admissions counselors fully understand the makeup of this Career Connections course. High school counselors should include this information on official school transcripts as well. Ultimately, **students** bear the responsibility of conveying

Learn more about our courses. Visit the Career Connections tab on the

Clinton County RESA website at CCRESA.org.

It is the policy of the Clinton County Regional Educational Service Agency (RESA) that no discriminatory practices based

on gender, race, religion, color, age, national origin, disability, height, weight, marital status, sexual orientation, political affiliations and beliefs, or any other status covered by federal, state or local law be allowed in providing instructional opportunities, programs, services, job placement assistance, employment or in policies governing student conduct and attendance. Any person suspecting a discriminatory practice should

contact the Associate Superintendent for Special Education, 1013 S. US-27, St. Johns, MI 48879, or call 989-224-6831.

the LCC class information to post-secondary institutions.

Further information is available from the course instructor or by calling the Career Connections administration office at 989-224-6831.

Course Profile:

Construction Trades Years 1&

2

Year 2 Description

Coursework will expand on first-year topics in an applied lab setting. The course may include a major residential building project.



This course provides the opportunity to earn the following **articulated credits** from **Lansing Community College**:

Credits – Year 2

HVAC 102 (2 credits)
Industrial / Construction Safety

To be eligible to earn credit, students must achieve:

- Accuplacer reading level 3
- Accuplacer writing level 2

BLDT 130 (4 credits) Building Exterior Construction

- Accuplacer reading level 4
- Accuplacer writing level 4
- Accuplacer math level 4
- Minimum 2.0 in DCTM 102 or ELTE 102 or HVAC 102 or METS 102 or WELD 102 or concurrently enrolled

BLDT 140 (4 credits) Building Interior Construction

- Accuplacer reading level 4
- Accuplacer writing level 4
- Accuplacer math level 4
- Minimum 2.0 in DCTM 102 or ELTE 102 or HVAC 102 or METS 102 or WELD 102 or concurrently enrolled

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