

Instructor:**Email:****Classroom Hours: Mon-Fri 9:00 am-2:00 pm****Instructor:****Email:****Total Class/Lab Hours: 215****Course Objectives:**

The goal of this course is to prepare participants for careers in the construction trades. The curriculum blends technical training, safety certifications, academic skill-building, and professional development to ensure participants are workforce-ready.

Course Description:

This 215-hour, 10-week pre-apprenticeship construction training program is designed for jobseekers pursuing careers in the construction industry. The program combines foundational and soft skills training at Focus: HOPE with specialized occupational skills training provided by the Michigan Regional Council of Carpenters and Millwrights (MRCC). MRCC is committed to providing extensive training in state-of-the-art techniques, education, and equipment. Its four-year apprentice program helps carpenters and millwrights develop the skills they need to succeed, find higher paying jobs, and be the best in the industry. The course is fast-paced and interactive.

Course Materials (provided):

- OSHA 30 Curriculum
- Tooling U Curriculum

Grading Scale:

90 –100 = excellent

80 – 89 = exceeds expectations

70 – 79 = meets expectations

69 or below: below expectations

The final grade is based on cumulative total of exams, quizzes, homework, labs, and student professionalism.

Grading Policy:

Professionalism (includes attendance, teamwork, dress code, etc.): 20% of Final Grade

Labs & Hands-on Assignments & Projects: 30% of Final Grade

Homework & Quizzes: 10% of Final Grade

Exams: 40% of Final Grade

Student must maintain 70% in all their classes. If a student's academic performance falls below 70%, an academic warning will be issued. If the academic performance continues to fall below 70%, then the student will be placed on a one-week academic probation. At the end of the academic probation, the student must have achieved 70% or be terminated.

Attendance

Absent students will receive no credit for the day. Students are responsible for viewing the class recording for the missed time and completing any assignments/labs. Professionalism points will also be deducted for late/tardy students. Students whose absence is due to valid family, legal, or medical reasons notify their specialist and instructor as early as possible. Proper written documentation must be provided in a timely fashion when applicable. Students who are absent for three consecutive days will be terminated.

The following is a tentative schedule for the course. The instructor reserves the right to make schedule changes based on the needs of the students in



Module 1: Program Orientation (4 hours)

- **Objective:** Introduce participants to Focus: HOPE, program expectations, career pathways in construction, and workplace professionalism.
 - **Topics:**
 - Program overview and requirements
 - Construction career pathways
 - Workplace readiness & soft skills
 - **Certification/Outcome:** N/A
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Module 2: Safety & Compliance Training (50 hours)

- **Forklift Operator Certification (10 hours)**
 - Safe forklift operation & OSHA standards
 - Hands-on driving practice and evaluation
 - **Outcome:** Forklift Operator Certification
 - **MIOSHA 30 (40 hours)**
 - Construction site safety standards
 - Hazard recognition & mitigation
 - Worker rights & employer responsibilities
 - **Outcome:** MIOSHA-30 Certification
 - **OSHA 30 (Included within MIOSHA 30)**
 - Federal OSHA safety and compliance training
 - **Outcome:** OSHA-30 Certification
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Module 3: Academic & Technical Foundations (32 hours)

- **Shop Math (10 hours)**
 - Fractions, decimals, and measurements
 - Conversions relevant to construction tasks
 - **Blueprint Reading (14 hours)**
 - Symbols and terminology
 - Reading and interpreting construction drawings
 - **Certification:** Tooling U credential
 - **Welding Fundamentals (8 hours)**
 - Introductory welding processes
 - Safety procedures and basic techniques
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Module 4: Professional Development (12 hours)

- **Resume Writing (4 hours)**
 - Crafting effective resumes for construction careers
 - **Professional Development Sessions**
 - *Financial Literacy (6 hours):* Budgeting, credit, money management
 - *Advanced Resume Writing (2 hours):* Tailoring resumes for union and contractor applications
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Module 5: Applied Construction Training (113 hours)

- **Hands-On Training with MRCC (Michigan Regional Council of Carpenters & Millwrights)**
 - Tool usage and safety
 - Material handling and project-based learning
 - Exposure to multiple construction trades
 - **Outcome:** Demonstrated trade readiness