TRADESFUTURES

Multi-Craft Core Curriculum Overview

Unit 1 – Orientation and Industry Awareness – 16 Hours (Required)
Construction Industry Overview – 8 HRs
The Building Trades & Apprenticeship – 8 HRs

Unit 2 – Tools and Materials Required – 8 Hours (Required)
Must include hand-on component

Unit 3 – Construction Health and Safety – 20 Hours (Required)
CPR/First Aid – 8 HRs
OSHA10 – 10 HRs
Health & Safety Issues for Women – 2 HRs

Unit 4 – Blueprint Reading – 4, 8, or 16 Hour Options (Elective)
Basic Blueprint Reading Principles - 4 HRs
Plans and Drawings – 8 HRs
Scales and Dimensions – 16 HRs

Unit 5 – Math – 40 Hours (Required)

Unit 6 – Heritage of the American Worker – 8 Hours (Required)

Unit 7 – Maintaining a Respectful Workplace in the Construction Industry – 12 Hours (Required)
Cultural Awareness – 4 HRs
Preventing Sexual Harassment – 8 HRs

Unit 8 – Green Construction – 8 Hours (Required)
Getting Started with Green Building - 2.5 HRs
Fundamentals of Building Green – 4 HRs
Offshore Wind Construction Supplement – 2 HRs

Unit 9 – Financial Literacy – 4 or 8 Hours (Elective)

Unit 10 – Where Construction Meets AI – 3 Hours (Elective)
AI foundations and where AI meets construction – 1 HR
Hands-on Generative AI + Prompting – 1 HR
Responsible AI Use + Performance Task – 1 HR

Total Required Instructional Hours = 120

All school-based MC3 programs should refer to requirements in their local jurisdiction and add units/hours accordingly.

For more detailed curricular information, or to learn about how to launch an MC3 program, contact program@tradesfutures.org.