

RCTC PROGRAM PLAN

ACCESSORY DWELLING UNIT

Certificate

I. PROGRAM CORE REQUIREMENTS.....19 CREDITS

- CR 1623, Rough Framing, 5 cr.
- CR 1625, Footings and Foundations, 2 cr.
- CR 1627, Roof Systems, 2 cr.
- CR 1635, Shop Practice II, 2 cr.
- CR 1636, Interior Finishing, 4 cr.
- CR 1637, Exterior Finishing, 4 cr.

TOTAL.....19 CREDITS

PROGRAM OUTCOMES:

Upon completion of the Accessory Dwelling Unit at RCTC learners will achieve the following outcomes:

- Show skills in communication, confident decision-making, and teamwork enabling students to work as a productive member of a construction crew.
- Demonstrate the safe use of the appropriate tools, materials, and techniques as required to carry out work on a building project.
- Read and interpret information from blueprints and specifications.
- Estimate materials and labor costs to complete a building project.
- Perform general carpentry skills, apply codes, and safety standards.
- Adapt a sense of pride, professionalism, and the desire to progress and excel in the construction trades.
- Build character and gain confidence to seek employment within the skilled trades.

ADDITIONAL NOTES:

PURPOSE: The Accessory Dwelling Unit Certificate is for individuals entering the construction industry or DIYers who want to design and build their own accessory dwelling unit. The curriculum covers all the must-knows for accessory dwelling units including hands-on experience designing and building an accessory dwelling unit.

CURRICULUM: The RCTC Carpentry course outcomes will be met utilizing the PACT (Pre-Apprenticeship Certificate Training) curriculum developed by the Home Builder's Institute. Home Builders Institute (HBI) is the nation's leading educational resource for career technical education in the building industry. Vetted by subject matter experts, the award-winning curricula is based on the National Association of Home Builders' (NAHB) Green Building Standard™ and National Skills Standards and is one of only three pre-apprenticeship curricula recognized by the Department of Labor (DOL).

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The PACT CORE curriculum includes the following areas of focus: basic safety, trade math and measurement, an introduction to tools and materials in residential construction, and employability skills. The PACT Building Construction Technology (BCT) curriculum includes: tool and material identification and use; work order comprehension and application; drywall and tile repair; minor plumbing, carpentry, electrical, and appliance repair; preventive maintenance application; grounds maintenance; and basic exterior building maintenance.

SCHEDULE: This certificate can be delivered as a six-week, consolidated course, or weekly throughout the semester.

Date of Implementation: Fall 2023

Date of Revisions: 5/14/2023

Date of Origin: