RCTC PROGRAM PLAN

CARPENTRY
Diploma

I. PROGRAM CORE REQUIREMENTS.................................................................32 CREDITS

CR 1600, Carpentry Theory I, 3 cr
CR 1610, Residential Blueprint Reading, 2 cr
CR 1612, Shop Practice I, 2 cr
CR 1622, Carpentry Theory II, 3 cr
CR 1625, Footings and Foundations, 2 cr
CR 1623, Rough Framing, 5 cr
CR 1627, Roof Systems, 2 cr
CR 1637, Exterior Finishing, 2 cr
CR 1632, Construction Estimating, 3 cr
CR 1635, Shop Practice II, 2 cr
CR 1636, Interior Finishing, 4 cr
CR 1638, Exterior Finishing II, 2 cr

TOTAL .................................................................................................................32 CREDITS

ADDITIONAL NOTES:

PURPOSE: The Carpentry major is designed to prepare students for careers as carpenters in residential and commercial construction, factories, cabinet shops, and building maintenance fields. Instruction includes courses in theory and shop practice in the proper uses of hand and power tools and machines, building footings and foundations, site layout, rough framing, exterior and interior finishing, blueprint reading, and cost estimating. The primary activity of the program is the building of a house. This house building experience includes laying out the house on the lot, building the footing forms, rough framing, shingling the roof, insulating, hanging the drywall, and trimming out the house. About two-thirds of the instruction is spent in the lab working on “mock-ups” or at the job site working on the house. Job opportunities exist with independent homebuilders, commercial contractors, lumberyards, furniture manufacturers, and cabinet making shops. Graduates typically start as entry-level carpenters. With further education and work experience, they can become journeyman carpenters, foremen, or may start their own business.

NOTE: Students must test at READ 0900 level before enrolling or obtain instructor permission.

Revised: 03/01/2012