

Certificate – Building Trades 2 Year

PHILOSOPHY:

The building trades department provides the student with a comprehensive education in Carpentry. This program is designed to meet the growing need for experienced carpenters to build Tribal housing and other commercial structures. In addition to specific carpentry skills, students will gain proficiency in such areas as the work ethic, job application and basic education skills.

EXPECTED LEARNER OUTCOMES:

Students will:

1. Learn the proper safety procedures for use and handling of equipment.
2. Demonstrate the basic skills in using computer aided drafting software.
3. Demonstrate carpentry skills required to:
 - a. Frame floors, walls and roofing
4. Demonstrate carpentry skills required to:
 - a. Apply roof shingles and siding
5. Applying mathematical and algebra skills to complete basic construction projects.

COURSE REQUIREMENTS:

GENERAL EDUCATION	
WRIT 101: College Writing I (3 credit)	16 CREDITS
CSCI 150: Intro to AUTOCAD (3 credits)	
COMX 111: Intro to Public Speaking (3 credit)	
M 111: Technical Mathematics (3 credits)	
CARP 100: Building Trade (1 credit)	
NASX 100: Cree Language I (3 credit)	
PROFESSIONAL CORE	
CARP 101: Welding (3 credits)	35 CREDITS
CARP 115: Tools, Construction, Carpentry (3 credits)	
CARP 120: Carpentry Field Practicum I (4 credits)	
CARP 200: Carpentry Field Practicum II (4 credits)	
CARP 160: Rough Layout and Framing (3 credits)	
CARP 170: Exterior Finishing (3 credits)	
CARP 205: Metal Building Construction (1 credit)	
CARP 220: Interior Finishing (3 credits)	
CARP 270: Advanced Carpentry Field (4 credits)	
* Electives (8 credits)	
TOTAL CREDIT REQUIREMENTS	51 CREDITS

Certificate – Building Trades 1 Year

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*Electives (3 credits)	
TOTAL CREDIT REQUIREMENTS	33 CREDITS