Nueta Hidatsa Sahnish College
Construction Technology 9-Month

Certificate of Completion: Construction Technology
Credit Hours Required: 31
The purpose of the Construction Technology Certificate Program is to train the student with enough carpentry skills to begin work in the Building Trades field of work. The students will also be training to start his/her own contracting business with the small business that the Carpentry Program will be operating.

The student who successfully completes the 9-month certificate training will be entered into the National Craft Training Registry. This Registry also provides transcripts and certificates of recognition for craft workers.

The first year student will learn about safety, hand tools, power tools and the basics of how a house is built form the planning to the finished house.

Program Outcomes:
- The student will be able to read a tape measure accurately and perform his or her task in a safe manner
- The student will be able to identify the different adhesives and fasteners used in the construction industry
- Students will be able to estimate how much material he or she needs to finish a construction project
- Students will be able to identify the tools needed for a construction project
- The student will demonstrate proficiency by safely using hand tools, power tools, pneumatic tools

Professional Course Requirements:	Credits
CT 101 Core Curriculum	4
CT 102 Carpentry 1	4
CT 103 Carpentry Lab 1	6
CT 104 Carpentry 2	4
CT 105 Carpentry Lab 2	6
BOTE 210 Business Communications	3
PSY 100 Student Success	1
NAS Native American Studies	3
Cumulative Hours:	**31**

NUETA HIDATSA SAHNISH COLLEGE

Construction Technology

Certificate of Completion
Credit Hours Required: 31
2014-16 Bulletin

Name: _____

Date: _____

Advisor: _____

Area/Course	Cr	Term	Grade
Professional Course Requirements			
101 Core Curriculum	4		
102 Carpentry 1	4		
103 Carpentry 1 Lab	6		
104 Carpentry 2	4		
105 Carpentry 2 Lab	6		
Gen Ed/Institutional Requirements			
BOTE 210 Business Communication	3		
PSY 100 Psychology of Student Success	1		
NAS 201 History of Three Affiliated Tribes	3		

Course Descriptions:
Construction Technology
(CT)

101 Core Curriculum   **4   CREDITS**
Core Curriculum from the National Center for Construction Education and Research (NCCER), consists of eight modules which are: "Basic Safety"; "Construction Math"; "Hand Tools"; "Power Tools"; "Blueprints"; "Basic Rigging"; "Communication Skills"; and "Employability Skills". This course is a prerequisite for all NCCER "Craft Level Training," (regardless of the craft).

102 Carpentry 1   **4   CREDITS**
Carpentry Fundamentals from the National Center for Construction Education and Research (NCCER); An 8-course sequence (CT 102, 112, 104, 114, 207, 217, 208, and 218) consisting of ten modules: "Orientation to the Trade"; "Building Materials, Fasteners, and Adhesives"; "Hand and Power Tools"; "Reading Plans and Elevations"; "Floor Systems"; "Wall and Ceiling Framing"; "Roof Framing"; "Introduction to Concrete and Reinforcing Materials"; "Windows and Exterior Doors"; and "Basic Stair Layout".

103 Carpentry 1 Lab   **6 CREDITS**
This lab will teach the hands-on practice of using the basic hand and power tools correctly and safely. The lab will also teach the practice of laying out a simple building in the field using the knowledge learned in the classroom. The lab will also be used to evaluate the performance tests needed to move from one level to the next level. Lab Fee $50.00

104 Carpentry 2   **4 CREDITS**
The 3rd in the 8-course NCCER Sequence

105 Carpentry 2 Lab   **6 CREDITS**
This lab will teach the basics of building a structure using the course work and theory used in the classroom. The lab is intended to let the student observe and practice hands-on work experience in the carpentry trade. The lab is also used as an area that can be setup to demonstrate a certain stage of building that would be unavailable to the student. This lab is where the Instructor will give the performance tests.
Lab Fee $50.00