

# Navajo Technical University

Name: \_\_\_\_\_

ID#: \_\_\_\_\_

## Certificate – Construction Technology Requirements 38 Credits

The Construction Technology program is designed to prepare students for careers in the construction industry. The occupational competencies are aligned with the National Center for Construction Education and Research standards. Construction technology includes units of instruction in electrical, plumbing, carpentry, construction math, plans, specifications, and building codes, facilities maintenance, computer-aided drafting, and welding technology. In addition to obtaining technical skills, students completing the program will have also developed competence in advanced critical thinking, career development, applied academics, and leadership skills required for construction technology occupations. The program uses a delivery system made up of four integral parts: Formal/technical instruction, experiential learning, supervised occupational experience, and the career technical student organization, Skills USA. For their own safety, students are expected to wear protective clothing and steel-toed shoes when attending classes.

GENERAL EDUCATION COURSES					
Semester ONE		Credits	Prerequisites	Semester/Transfer	Grade
BCIS 1115	Introduction to Computers	3			
ENGL1210 or ENGL1110	Technical Communications or Composition I	3	ENGL100		
MTH113 or above	Technical Mathematics or above	3	SEE CATALOG		
CT 100	Construction I	3			
CT 103	Introduction to Craft Skills	3			
SSC 100	College Success Skills	1			
CONSTRUCTION TECHNOLOGY CORE COURSES					
CT 104	Concrete & Masonry and Construction	3			
CT 102	Construction Math & Drawing	2			
NAVA XXX	Dine Studies	3			
CT 110	Construction II	3	CT100		
CT 119	Construction Site Practicum	3			
CT 115	Intro to Construction Project Management	3			
CT 121	Introduction to Building Environmental System	2			
WLD 101	Welding Fundamentals I	3			
<b>TOTAL REQUIRED CREDIT HOURS</b>		<b>38</b>			

*\*\* Please check course descriptions for the appropriate prerequisite course(s).*

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		