# Navajo Technical University

Name:                                            ID#:

## Certificate – Construction Technology Requirements 35 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 | ENGL098 | | |
| MTH113 or above | Technical Mathematics or above | 3 | SEE CATALOG | | |
| CT100 | Construction I | 3 | | | |
| CT103 | Introduction to Craft Skills | 3 | | | |
| **CONSTRUCTION TECHNOLOGY CORE COURSES** | | | | | |
| CT104 | Concrete & Masonry and Construction | 2 | | | |
| CT102 | Construction Math & Drawing | 3 | | | |
| NAVA XXX | Dine Studies | 3 | | | |
| CT110 | Construction II | 2 | CT100 | | |
| CT119 | Construction Site Practicum | 3 | | | |
| CT115 | Intro to Construction Project Management | 3 | | | |
| CT121 | Introduction to Building Environmental System | 2 | | | |
| WLD101 | Fundamentals I | 3 | | | |
| **TOTAL REQUIRED CREDIT HOURS** | | **35** | | | |

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

| | Signatures | Date |
|---|---|---|
| Student: | | |
| Advisor: | | |
| Registrar: | | |
| Graduation Date: | | |