

Navajo Technical University

Name: _____

ID#: _____

Certificate – Industrial Maintenance and Operations Requirements 30 Credits

Navajo Technical University offers a certificate in Industrial Maintenance and Operations. An industrial maintenance mechanic is a person trained to repair and maintain commercial or industrial machinery in buildings, plants or factories. This program focuses on vibration analysis, electrical troubleshooting, drive system repair and hydraulic, pneumatic system troubleshooting and repair. They also troubleshoot and repair heating, ventilation, and air conditioning (HVAC) systems, electrical control systems and complete preventive maintenance of other types of machinery. The program is designed to serve the needs of the community, state, and federal agencies and companies in order to meet the challenges of the 21st century. Upon completion of the program, the students may decide to work, or if they want to further their education, they can transfer their credits to any college of their choice. Graduates of this program should be able to seek gainful employment in companies such as paper mills, saw mills, and the utilities companies.

GENERAL EDUCATION REQUIREMENTS		Credits	Prerequisite	Semester/Transfer	Grade
ENG 105	Applied Technical Writing	3	ENG098		
MTH 115	Technical Mathematics II	3	MTH098		
NAVXXX	Dine Studies Course	3			
CMP101	Introduction to Computers	3			
INDUSTRIAL MAINTENANCE CORE COURSES					
Semester ONE		Credits			
ENGR103	Introduction to Engineering	3	MTH121		
IMO 101	Industrial Maintenance I	5			
Semester TWO					
CHEME 115	Introduction to Process Operations	2			
IMO 102	Industrial Maintenance II	5			
WLD 101	Welding Fundamentals	3			
TOTAL REQUIRED CREDIT HOURS		30			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		