

# Navajo Technical University

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

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

## Certificate - Automotive Technology Requirements 32 Credits

The Automotive Technology program is designed to prepare individuals for jobs in maintenance and mechanical repair of cars and light trucks. The occupational competencies are aligned with National Automotive Technical Foundation (NATEF) and Automotive Service Excellence (ASE) standards. Post-secondary automotive technology programs are expected to teach eight competency areas: 1)proper tool care and safe work environment, 2) preparing service work orders, 3)repairing electrical/electronic systems, 4)repairing steering and suspension systems, 5)engine performance diagnostics and repair, 6)brake systems, 7>manual drive train and axles, and 8)heating and air-conditioning systems. Students must demonstrate satisfactory competence in each of the eight areas of focus in order to receive their Automotive Technology Certificate. A mechanical aptitude test will be administered to students before admission into the program.

GENERAL EDUCATION REQUIREMENTS		Credits	Prerequisites	Semester/Transfer	Grade
ENGL1210	Technical Communications	3	ENGL100 or satisfactory placement scores		
MTH 113	Technical Mathematics or higher	3	SEE CATALOG		
NAVXXX	Dine Studies Course	3			
BCIS 1115	Introduction to Computers	3			
SSC 100	College Success Skills	1			
<b>AUTOMOTIVE TECHNOLOGY CORE COURSES</b>					
<b>Semester ONE</b>		<b>Credits</b>			
AUT 101	Introduction to Automotive Technology	3			
<b>Semester TWO</b>					
AUT 102	Brake Systems	4			
AUT 103	Electrical and Electronic Systems	4			
AUT 104	Chassis, Suspension, and Steering	4			
AUT 113	Tune-up and Engine Performance	4	AUT103		
<b>TOTAL REQUIRED CREDIT HOURS</b>		<b>32</b>			

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

	Signatures	Date
Student:		
Advisor:		
Registrar:		
Graduation Date:		

Updated 4/15/2022