

**GENERAL TECHNOLOGY  
2022-23 DEGREE PLAN  
Associate of Applied Science: 60-72 Credits**

REQUIRED ACADEMIC CORE		HOURS
	TECH1203 Technical Success Strategies	3
	TECH1113 Workplace Writing (or higher)	3
	TECH1003 Technical Math (or higher)	3
	BUS1003 Microcomputer Applications	3
	Choose 1: ECON/HIST/PSCI/PSYC/SOC/SPAN	3
<b>Total Academic Core Requirements</b>		<b>15</b>
<b>Automotive Diesel Technology Options</b>		<b>28</b>
	ADST1004 Brake Systems	4
	ADST1704 Steering & Suspension	4
	ADST1406 Electrical Systems	6
	ADST2206 Engine Performance	6
	ADST1104 Engine Repair	4
	ADST1104 Climate Control	4
<b>Cosmetology Options</b>		<b>40</b>
	COS1116 Cosmetology (Fall)	16
	COS1216 Cosmetology (Spring)	16
	COS2008 Cosmetology (Summer)	8
<b>SUPPORT ONLY: Business Options</b>		<b>21</b>
	A combination of ACCT, BUS, MNG courses	

Industrial Maintenance Options		36
	TECH1204 Technical Fundamentals	4
	MAIN1504 Basic Electricity	4
	MAIN1104 Hydraulics/Pneumatics	4
	MAIN1004 Mechanical Devices/Systems I	4
	MAIN2004 Mechanical Devices/Systems II	4
	MAIN1404 Industrial Motor Controls	4
	MAIN2404 Industrial Wiring w/NEC	4
	MAIN1304 Programmable Logic Controls (PLC's) I	4
	MAIN2604 Programmable Logic Controls (PLCs) with Instrumentation II	4
<b>Welding Options</b>		<b>26</b>
	TECH1204 Technical Fundamentals	4
	WELD2344 Welding I – SMAW I	4
	WELD2354 Welding II – SMAW II	4
	WELD2367 Welding III – MIG	7
	WELD2377 Welding IV – TIG	7
<b>Pipe Welding Options</b>		<b>32</b>
	PIPE2108 SMAW	8
	PIPE2104 GMAW-Carbon Steel Pipe	4
	PIPE2204 FCAW	4
	PIPE2304 GTAW-Carbon Steel Pipe	4
	PIPE2404 GTAW-Low Alloy & Stainless Steel	4
	PIPE2208 SMAW-Stainless Steel	8

**PROGRAM INFORMATION:** In addition to 15 credit hours of academic core courses, students must also complete a minimum of 45 credit hours of technical core courses with at least 24 credit hours in one concentration area.

**CAREER OPTIONS:** This degree is customizable so that students may ensure employability in their concentration area.

**TRANSFER OPTIONS:**

- Arkansas Tech University (ATU) to complete a Bachelor of Professional Studies.
- UA Fort Smith to Bachelor of Applied Science
- ASU Jonesboro to Bachelor of Applied Science in Organizational Supervision

Score Requirements			
Subject	Next Gen	ACT	Accuplacer
Reading	253	19	88
Writing	260	19	71
Math	240	17	30

**Technical Math TECH1003 has a pre-requisite requirement of the appropriate reading score or a co-req of the Workplace Writing course.**