

University of Arkansas Community College Hope-Texarkana
ASSOCIATE OF APPLIED SCIENCE IN GENERAL TECHNOLOGY
2023-2024 Catalog

Student's Last Name:	Student's First Name:	Student ID#:
Assigned Advisor: Advisor who enrolled student:	Origination Date:	Date of Latest Revision:

NOTE: Students should check their chosen Technical Certificate program's description in the current catalog for possible pre-requisite courses. These are courses that must be completed before enrolling in the next course in the progression. This sheet does not suggest sequence of attempting courses.

These courses fulfill remediation requirements only and are mandated by placement test results or multiple measures. Any degree seeking student who is required to take an academic skills course must also take EDGE 1003 College Life Skills. _____	Placement scores/comments: _____
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REQUIRED GENERAL EDUCATION COURSES (15 Credit Hours Total)	Credit	Grade	Sem/Year Enrolled	Notes	ACTS Index Numbers
ENGL1013 Composition I	3				ENGL 1013
ENGL1023 Composition II <i>or</i> ENGL 2253 Technical Writing	3				ENGL 1023 ENGL 2023
MATH 1053 College Algebra <i>or</i> MATH 1153 Quantitative Literacy or higher	3				MATH1103 MATH1113
CISS 1013 Introduction to Computers	3				CPSI 1003
Choose 1 Social Science Elective (3 cr hrs) CRJU 1203 Introduction to Criminal Justice or *GEOG 2203 Introduction to Geography or HIST1113 World Civilizations I or HIST1123 World Civilizations II or HIST 2013 U.S. History I or HIST 2023 U.S. History II or PSYC 2303 General Psychology or PSYC 2313 Developmental Psychology or SOC1 2413 Sociology	3				CRJU 1023 GEOG 1103 HIST 1213 HIST 1223 HIST 2113 HIST 2123 PSYC 1103 PSYC 2103 SOC1 1013
ELECTIVES: Students must select courses from the following list of Advisor Approved Electives to attain the minimum required credit hours to equal 60 credit hours.	Credit	Grade	Sem/Year Enrolled	Notes	
BLAD1201 Knifemaking	1				
BLAD 1222 Bladesmithing	2				
BLAD1311 Handles and Guards	1				
BLAD1411 Damascus Steel	1				
BLAD1511 Advanced Bladesmithing - Skill Builders	1				
BUSS 1233 Professionalism in the Workplace	3				
CARE1243 Basic Carpentry	3				
CARE1253 Basic Plumbing	3				
DIES1004 Basic Diesel Shop	4				
DIES1105 Engine Systems (Historical: DIES 1104)	5				
DIES1204 Diesel Engines	4				
DIES1304 Fuel Systems	4				
DIES1405 Electrical Systems	4				
DIES1414 Diesel Electronics	4				
DIES2004 Suspension & Steering (Historical: DIES 2005)	4				
DIES2024 Brakes & Hydraulics (Historical: DIES 2025)	4				
DIES2104 Clutches & Power Trains (Historical: DIES2105)	4				
DIES2204 Air Conditioning	4				
DIES2214 Troubleshooting & Inspections (Historical: DIES 2215)	4				

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EDGE 1003 College Life Skills	3			
ELEC 1104 Basic Electricity	4			
ELEC 1204 Residential Wiring	4			
ELEC 1303 National Electric Code	3			
ELEC 1403 Industrial Motor & Controls	3			
ELEC 1603 Industrial & Commercial Wiring	3			
ELEC 2314 High Voltage Comp. & Sys	4			
GTAS 1112 General Tools and Safety	2			
HVAC 1002 Tubing & Piping	2			
HVAC 1204 Principles of Refrigeration	4			
HVAC 1503 Motors and Controls	3			
HVAC 1604 Schematics	4			
HVAC 1703 Air Properties	3			
HVAC 1804 Residential Systems	4			
HVAC 1904 AC Systems	4			
INMT 1003 Blueprint Reading	3			
INMT 1104 Hydraulics/Pneumatics	4			
INMT 1304 Basic Programmable Controllers	4			
INMT 1404 Mech. Devices & Systems	4			
INMT 2415 Instrumentation & Control	5			
MACH 1003 Intro to Machining Processes	3			
MACH 1005 Machine Shop Basics I	5			
MACH 1215 Basic Lathe Operations	5			
MACH 1315 Basic Knee Mill	5			
PWRT 1003 Fundamentals of Modern Power Plants	3			
PWRT 1033 Introduction to Alternative Energy	3			
PWRT 1213 Introduction to Power Plant Generation	3			
PWRT 1233 Fossil Fuels	3			
PWRT 1313 Troubleshooting and Repair	3			
PVOL 2003 Installation Lab	3			
PVOL 2013 Solar Electric Design	3			
PVOL 2023 PV Systems	3			
PWRT 2003 Wind Technology	3			
WELD 1003 Basic Welding	3			
WELD 1104 Pipe & Structural Fitting	4			
WELD 1204 Intro to Arc Welding	4			
WELD 1302 Metallurgy	2			
WELD 1306 Position Welding	6			
WELD 1503 MIG Welding	3			
WELD 1502 TIG Welding	2			
WELD 1703 Spray Arc Welding	3			
Advisor Approved Elective				

***Courses are no longer offered but can be accepted as credit if previously earned**

Additional Comments or Notes:

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Major Technical Discipline: It is recommended that students obtain at least one Technical Certificate while seeking their Associates of Applied Science in General Technology Degree. The following certificates contain courses that count toward that degree. Students seeking their AAS in Diesel Technology or AAS in Electromechanical, should not seek the AAS General Technology Degree.

Technical Certificate Choices	Total Hours	Complete	Sem/Year Enrolled	Notes
Technical Certificate in Basic Diesel (21-24 credits) <ul style="list-style-type: none"> ◦ CP Chassis ◦ CP Brakes/Power Train ◦ CP Engine Systems ◦ CP Electrical Systems 	45	<input type="checkbox"/>		
Technical Certificate in HVAC (includes the following) <ul style="list-style-type: none"> ◦ CP HVAC 	30	<input type="checkbox"/>		
Technical Certificate in Solar Power Technology <ul style="list-style-type: none"> ◦ CP Solar Energy Technology 	29	<input type="checkbox"/>		
Technical Certificate in Welding Technology <ul style="list-style-type: none"> ◦ CP Welding Technology 	29	<input type="checkbox"/>		
Technical Certificate in Electromechanical Technology <ul style="list-style-type: none"> ◦ CP Industrial Electricity ◦ CP Industrial Maintenance - Mechanical 	30	<input type="checkbox"/>		
Technical Certificate in Construction Technology <ul style="list-style-type: none"> ◦ CP Construction Technology 	23	<input type="checkbox"/>		

[ARKANSAS COURSE TRANSFER SYSTEM \(ACTS\)](#)

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Courses not having an ACTS number may also transfer. Please consult the receiving institution for complete transfer information. ACTS may be accessed by visiting <http://adhe.edu>.

I have reviewed this degree plan with my advisor and understand that it represents the most efficient way to achieve my educational goals based on the information that I supplied to my advisor at that time.

Student's Signature:

Date:

Advisor's Signature:

Date: