## University of Arkansas Community College Hope-Texarkana ASSOCIATE OF APPLIED SCIENCE IN GENERAL TECHNOLOGY 2024-2025 Catalog

Student's Last Name: Stu	Student's First Name:		Student ID#:				
Assigned Advisor: Or Advisor who enrolled student:			C	Date of Latest Revision:			
OTE: Students should check their chosen Tech	nical Certificate prog	ram's des	crintio	n in	the current ca	atalog for r	ossible pre-regi
urses. These are courses that must be comple							
quence of attempting courses.	ateu werore emoning		te cour	JC	e p. 08. cos.		
These courses fulfill remediation requirements or	nly and are mandated b	y placeme	nt test	Pla	cement scores/	comments:	
results or multiple measures. Any degree seeking	-	ed to take a	an				
academic skills course must also take UNVI 10003	3 College Life Skills.						
				<u> </u>			
REQUIRED GENERAL EDUCATION COURSES		Credit	Grad	de	Sem/Year	Notes	ACTS Index
(15 Credit Hours Total)					Enrolled		Numbers
ENGL10103 Composition I		3					ENGL 1013
ENGL10203 Composition II or		3					ENGL 1023
ENGL20203 Technical Writing		_					ENGL 2023
MATH11003 College Algebra <i>or</i>		3					MATH1103
MATH11103 Quantitative Literacy or higher		2					MATH1113
CPSI10003 Introduction to Computers		3					CPSI 1003
Choose 1 Social Science Elective (3 cr hrs) CRJU10203 Introduction to Criminal Justice o	u.						CRJU 1023
	ŗ						GEOG 1103
*GEOG11003 Introduction to Geography or HIST11103 World Civilizations I or							HIST 1213
HIST11203 World Civilizations I or							HIST 1213
HIST21103 U.S. History I or		3					HIST 2113
HIST21203 U.S. History II or PSYC11003 General Psychology or							HIST 2123
							PSYC 1103
PSYC21003 Developmental Psychology or							PSYC 2103
SOCI10103 Sociology							SOCI 1013
ELECTIVES: Students must select courses from the following list		Credit	Grade	е	Sem/Year		Notes
of Advisor Approved Electives to attain the minimum required					Enrolled		
credit hours to equal 60 credit hours.							
BLAD12001 Knifemaking		1					
BLAD12202 Bladesmithing		2					
BLAD14101 Damascus Steel		1					
BLAD15101 Advanced Bladesmithing - Skill Bu		1					
BUSI12303 Professionalism in the Workplace		3					
CTTE12403 Basic Carpentry		3					
CTTE12503 Basic Plumbing		3					
DIEL10054 Basic Diesel Shop		4					
DIEL11035 Engine Systems (Historical:	DIES 1104)	5					
DIEL12034 Diesel Engines		4					
DIEL13044 Fuel Systems		4					
DIEL14034 Electrical Systems		4					
DIEL14104 Diesel Electronics	DIEC 300E,	4					
DIEL20004 Suspension & Steering (Historical:	•	4					
, , ,	DIES 2025)	4					
DIEL21034 Clutches & Power Trains (Histor	ical: DIES2105)	4					
LUEL / /UK/LAIR LANGITIANING		. /1				1	

UNVI10003 College Life Skills

DIEL22104 Troubleshooting & Inspections (Historical: DIES 2215)

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ELTE12004 Residental Wiring         4           ELTE13003 National Electric Code         3           ELTE14003 Industrial Motor & Controls         3           ELTE16003 Industrial & Commercial Wiring         3           HVAC10042 Tubing & Piping         2           HVAC12044 Principles of Refrigeration         4           HVAC15043 Motors and Controls         3           HVAC16044 Schematics         4           HVAC18044 Residential Systems         4           HVAC18044 Residential Systems         4           HVAC19044 AC Systems         4           HVAC19044 AC Systems         4           MTE110054 Hydraulics/Pneumatics         4           MSTE11054 Hydraulics/Pneumatics         4           MSTE11054 Mech. Devices & Systems         4           MSTE14054 Mech. Devices & Systems         4           MSTE11055 Instrumentation & Control         5           MSTE10055 Machine Shop Basics I         5           MSTE12135B Basic Lathe Operations         5           MSTE12135B Basic Kene Mill         5           PWRT10003 Fundamentals of Modern Power Plants         3           PWRT12037 Introduction to Power Plant Generation         3           PWRT12037 Foxilis Troubleshooting and Repair         3	ELTE11004 Basic Electricity	4		
ELTE13003 National Electric Code         3           ELTE14003 Industrial Motor & Controls         3           ELTE14003 Industrial & Commercial Wiring         3           HVAC10042 Tubing & Piping         2           HVAC12044 Principles of Refrigeration         4           HVAC15003 Motors and Controls         3           HVAC16044 Schematics         4           HVAC17003 Air Properties         3           HVAC17003 Air Properties         4           HVAC19044 AC Systems         4           CTTE10003 Blueprint Reading         3           MSTE11054 Hydraulics/Pneumatics         4           MSTE11054 Hydraulics/Pneumatics         4           MSTE13054 Basic Programmable Controllers         4           MSTE14054 Mech. Devices & Systems         4           MSTE14055 Instrumentation & Control         5           MSTE10055 Machine Shop Basics I         5           MSTE11055 Basic Lanke Operations         5           MSTE11055 Basic Knee Mill         5           PWRT100003 Introduction to Alterna	ELTE12004 Residential Wiring	4		
ELTE16003 Industrial & Commercial Wirring         3		3		
HVAC10042 Tubing & Piping	ELTE14003 Industrial Motor & Controls	3		
HVAC10042 Tubing & Piping		3		
HVAC12044 Principles of Refrigeration         4         4           HVAC15043 Motors and Controls         3         4           HVAC16044 Schematics         4         4           HVAC17003 Air Properties         3         4           HVAC18044 Residential Systems         4         4           HVAC19044 AC Systems         4         4           CTTE10003 Blueprint Reading         3         3           MSTE11054 Hydraulics/Pneumatics         4         4           MSTE13054 Basic Programmable Controllers         4         4           MSTE10545 Mech. Devices & Systems         4         4           MSTE10545 Mech. Devices & Systems         4         4           MSTE10545 Instrumentation & Control         5         5           MSTE1003 Intro to Machining Processes         3         3           MSTE10058 Machine Shop Basics I         5         5           MSTE11055 Basic Lathe Operations         5         5           MSTE12155 Basic Nace Mill         5         5           MSTE13155 Basic Knee Mill         5         5           MSTE13155 Basic Knee Mill         5         5           MSTE13155 Basic Nee Mill         5         5           PWRT12030 Introduction to Alternative Ene		2		
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PWRT12103 Introduction to Power Plant Generation  PWRT12303 Fossil Fuels  PWRT13103 Troubleshooting and Repair  PVOL20003 Installation Lab  PVOL20103 Solar Electric Design  PVOL20203 PV Systems  PWRT20003 Intro to Wind Technology  TECH11182 General Tool and Safety  WELD10253 Basic Welding  WELD11154 Pipe & Structural Fitting  WELD12154 Intro to Arc Welding  WELD13152 Metallurgy  WELD13256 Position Welding  WELD15253 MIG Welding  WELD15152 TIG Welding  WELD17153 Spray Arc Welding  WELD17153 Spray Arc Welding  3  WELD17153 Spray Arc Welding	PWRT10303 Introduction to Alternative Energy	3		
PWRT13103 Troubleshooting and Repair       3       ————————————————————————————————————		3		
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WELD11154 Pipe & Structural Fitting       4       —         WELD12154 Intro to Arc Welding       4       —         WELD13152 Metallurgy       2       —         WELD13256 Position Welding       6       —         WELD15253 MIG Welding       3       —         WELD15152 TIG Welding       2       —         WELD17153 Spray Arc Welding       3       —	TECH11182 General Tool and Safety	2		
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WELD13256 Position Welding       6         WELD15253 MIG Welding       3         WELD15152 TIG Welding       2         WELD17153 Spray Arc Welding       3	WELD12154 Intro to Arc Welding	4		
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WELD15253 MIG Welding       3	WELD13256 Position Welding	6		
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		2		
	WELD17153 Spray Arc Welding	3		
	Advisor Approved Elective			

<sup>\*</sup>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)	45		Elliollea			
° CP Chassis	45					
° CP Brakes/Power Train						
° CP Engine Systems						
° CP Electrical Systems						
Technical Certificate in HVAC (includes the following)						
CP HVAC     CP HVAC	30					
Technical Certificate in Solar Power Technology						
° CP Solar Energy Technology	29					
Technical Certificate in Welding Technology						
° CP Welding Technology	29					
Technical Certificate in Electromechanical Technology						
° CP Industrial Electricity	30					
CP Industrial Electricity     CP Industrial Maintenance - Mechanical	30					
Technical Certificate in Construction Technology						
° CP Construction Technology	23					
CP Construction reclinology	23					
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 <a href="http://adhe.edu">http://adhe.edu</a> .  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:						
visor's Signature: Date:						