ARKANSAS STATE UNIVERSITY - NEWPORT
NEWPORT • JONESBORO • MARKED TREE

ASSOCIATE OF APPLIED SCIENCE
GENERAL TECHNOLOGY
PATHWAY TO DIESEL TECHNOLOGY

Cip Code: 30.9999; Degree Code: 0517

Student Name_____ Student ID _____ Advisor_____

AY2025-2026

Possible Prerequisites			Semester	Hours	Grade	ACTS
ENG	0051	Writing Seminar		NC		
ENG	0053	English Fundamentals		NC		
MATH	0021	Foundations of Math Reasoning		NC		
MATH	0083	Math Fundamentals		NC		

Year 1 - First Semester (20 credit hours)			Semester	Hours	Grade	ACTS
DT	1004	Service and Maintenance		4		
DT	1022	Trailer Suspension and Brake Systems		2		
DT	1032	Brakes/ABS		2		
DT	1042	Introduction to Hydraulics		2		
DT	1153	Electrical Problem Solving		3		
DT	1412	Chassis and Steering		2		
DT	1512	Applications Lab I		2		
MATH MATH MATH	1013 1023 1083	**Choose one:** Mathematical Applications College Algebra Quantitative Literacy		3		MATH1003 MATH1103 MATH1113

Year 1 – Second Semester (18 credit hours)			Semester	Hours	Grade	ACTS
DT	1203	Diesel Engines		3		
DT	1303	Diesel Fuel Systems		3		
DT	1522	Applications Lab II		2		
DT	1542	Heavy Duty Transmissions		2		
DT	1552	HVAC Service and Diagnostics		2		
ENG ENG	1003 1203	**Choose one:** Composition I Workplace Essentials		3		ENGL1013 ENGL2023
MIS MIS MIS	1033 1443 1503	**Choose one:** Introduction to Computers Technical Computer Applications Microcomputer Applications		3		CPSI1003

Year 1 - First Semester (16 credit hours)			Semester	Hours	Grade	ACTS
BIOL BIOL BIOL BIOL	1001 1003 1201 1203	**Choose one:** Biological Science Lab Biological Science **OR** Physical Science Lab Physical Science		4		BIOL1004 BIOL1004 PHSC1004 PHSC1004
ENG ENG	1003 1013	**Choose one:** Composition I Composition II (ENG1003 is a prerequisite to ENG1013)		3		ENGL1013 ENGL1023
SPCH	1203	Oral Communication		3		SPCH1003
		6 hours from any of the courses with the following prefixes: MGMT, MIS, MKTG, ECON, HIST, GEOG, SOC, POSC, PSY		6		

Year 2 – Second Semester (6 credit hours)			Semester	Hours	Grade	ACTS
		3 hours from Social Science ECON, HIST, GEOG, SOC, POSC, PSY prefixes		3		
PE	1623	Concepts of Fitness		3		

Total Required Credit Hours (60)

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Expected Graduation Date: _____

Student Signature: _____ **Date:** _____

Advisor Signature: _____ **Date:** _____

Students must have completed the TC Diesel Technology degree before receiving the AAS GT Pathway to Diesel Technology