



# Texarkana College

## TOPS High School Early Enrollment Pathway Plan

### Associate of Applied Science Degree

Major: Diesel Technology

Student Name \_\_\_\_\_ TC ID# \_\_\_\_\_

Academic Coach for Dual Credit (AC/DC) \_\_\_\_\_

TSIA2 Eng \_\_\_\_\_ TSIA2 Math \_\_\_\_\_ ACT \_\_\_\_\_ PSAT \_\_\_\_\_ EOC Eng II \_\_\_\_\_ EOC Alg. I + Alg. II C+ \_\_\_\_\_

Advising Dates: \_\_\_\_\_

*Not all high schools bus students to Texarkana College campuses. Check with your high school for more information.*

TC Course	Course Title	Credit Hours	Grade Level Completed	Grade Level Course is Available	Comments/Planning
<b>WECM Courses – 42 Total Hours</b>					
DEMR 1301	Shop Safety and Procedures <sup>12</sup>	3		11, 12	
DEMR 1405	Basic Electrical Systems <sup>12</sup>	4		12	
DEMR 1406	Diesel Engine I <sup>12</sup>	4		11, 12	
DEMR 1421	Power Train I <sup>12</sup>	4		12	
LEAD 1100	Workforce Development Critical Thinking <sup>12</sup>	1		Adult	
DEMR 1410	Diesel Engine Testing and Repair I <sup>12</sup>	4		Adult	
DEMR 2412	Diesel Engine Testing and Repair II <sup>12</sup>	4		Adult	
DEMR 1317	Basic Brake Systems <sup>12</sup>	3		Adult	
DEMR 1323	Heating, Ventilation, and Air Conditioning (HVAC) Troubleshooting and Repair <sup>12</sup>	3		Adult	
DEMR 2332	Electronic Controls <sup>12</sup>	3		Adult	
DEMR 1449	Diesel Engine II <sup>12</sup>	4		Adult	
DEMR 2334	Advanced Diesel Tune-Up and Troubleshooting <sup>12</sup>	3		Adult	
DEMR 2266	Practicum (or Field Experience) – Diesel Mechanics Technology/Technician <sup>12</sup>	2		Adult	
<b>TOTAL WECM HOURS</b>		<b>42</b>	<b>(Certificate Earned)</b>		
<b>ACGM Courses – 18 Total Hours</b>					
ENGL 1301	Composition I <sup>1</sup>	3		*EA	
SPCH 1315	Public Speaking <sup>9</sup>	3		*EA	
BCIS 1305 <b>OR</b> EDUC/PSYC 1300	Business Computer Applications <sup>9</sup> <b>OR</b> Learning Frameworks <sup>9</sup>	3		*EA	
XXXX x3xx	Social and Behavioral Science <sup>8</sup>	3		*EA	
XXXX x3xx	College Level Math or Natural Science <sup>2 or 3</sup>	3		*EA	
XXXX x3xx	Visual Performing Arts Course <sup>5</sup>	3		*EA	
<b>TOTAL ACGM HOURS</b>		<b>18</b>			
<b>Total Credit Hours</b>		<b>60</b>			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog. Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

\*Course offered through TC's Early Admission program.

## Explanation for Superscripts

1	<b>Communication Block (010):</b> Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311	2	<b>Mathematics Block (020):</b> Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413
3	<b>Life &amp; Physical Sciences Block (030):</b> Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325	4	<b>Language, Philosophy, &amp; Culture Block (040):</b> Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306
5	<b>Creative Arts Block (050):</b> Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306	6	<b>American History Block (060):</b> Complete each of the following: HIST 1301 <b>and</b> 1302
7	<b>Government/Political Science Block (070):</b> Complete each of the following: GOVT 2305 <b>and</b> 2306	8	<b>Social &amp; Behavioral Sciences Block (080):</b> Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301
9	<b>Component Area Option Block (090): 9A: Choose one from the following:</b> SPCH 1315; SPCH 1318; SPCH 1321 <b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.  <b>AND</b>  <b>9B: Choose one from the following:</b> BCIS 1305; MATH 2413; PSYC/EDUC 1300	10	<b>Lab Science Course</b> Choose a lab science course that corresponds to the Life & Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125
11	<b>Elective Option:</b> Choose any college level course	12	<b>Degree Requirement</b> This course is required for this particular degree

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Diesel Technician | Diesel Technology Engineer | Tire Technician | Vehicle Inspector | Parts Manager | Service Manager | Heavy Equipment Mechanic | Farm Equipment Mechanic | Military Mechanic - Engines | Marine Engine Mechanic | Diesel Service Technician

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary | Dual Credit/Concurrent Enrollment

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS: