

**TRANSFER PATHWAY**  
**(For Transfer to Tarleton State University)**  
**ASSOCIATE OF APPLIED SCIENCE IN AUTOMOTIVE TECHNOLOGY SERVICE TECHNICIAN TO**  
**BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT <sup>T</sup>**

**Catalog Year** 2021-2022      You may use this pathway if you entered Dallas College on or before this date.

**Career Path** Manufacturing and Industrial Technologies

**Available at** Brookhaven, Cedar Valley and Eastfield Campuses

**TSI** Must be Complete

### SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Brookhaven Campus, Cedar Valley Campus and Eastfield Campus. Contact your advisor for information.

#### AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

**SEMESTER 1** **Total Hours: 15**

**AUMT 1305** – Introduction to Automotive Technology  
**AUMT 1319** – Automotive Engine Repair  
**AUMT 1307** – Automotive Electrical Systems  
**Mathematics Core Elective** *This is a (CB 020) Core course. Must earn a grade of "C" or higher. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*  
**CHOOSE ONE:** **AUMT 1306** – Automotive Engine Removal and Installation **OR**  
**AUMT 1391** – Special Topics in Auto/Automobile Mechanic/Technician

**SEMESTER 2** **Total Hours: 12**

**AUMT 1310** – Automotive Brake Systems  
**AUMT 1316** – Automotive Suspension and Steering Systems  
**AUMT 2321** – Automotive Electrical Diagnosis and Repair  
**ENGL 1301** – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

**SEMESTER 3** **Total Hours: 6**

**AUMT 1345** – Automotive Climate Control Systems  
**SPCH 1311** – Introduction to Speech Communication *This is a (CB 090) Core course.*

**SEMESTER 4** **Total Hours: 12**

**AUMT 2317** – Automotive Engine Performance Analysis I  
**AUMT 2334** – Automotive Engine Performance Analysis II  
**Humanities/Fine Arts Core (TSU requires) Elective** *This is a (CB 040 or CB 050) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*  
**CHOOSE ONE:** **AUMT 2380** – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician **OR**  
**AUMT 2328** – Automotive Service

**SEMESTER 5** **Total Hours: 15**

**AUMT 2313** – Automotive Drive Train and Axles  
**AUMT 2325** – Automotive Automatic Transmission and Transaxle  
**AUMT 2381** – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician  
**Social/Behavioral Science Core Elective** *This is a (CB 080) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*  
**CHOOSE ONE:** **AUMT 2332** – Automotive Automatic Transmission and Transaxle II **OR**  
**AUMT 2311** – Automotive Electronic Controls

**TARLETON STATE UNIVERSITY**  
**(For Transfer from Dallas College)**  
**ASSOCIATE OF APPLIED SCIENCE IN AUTOMOTIVE TECHNOLOGY SERVICE TECHNICIAN TO**  
**BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT**

**THESE COURSES MAY BE COMPLETED AT DALLAS COLLEGE (IF OFFERED) OR TSU**

**Total Hours: 30**

ENGL 1302 – Composition I  
Life and Physical Science Core Elective (4 credits) X 2  
HIST 1301 – US History I  
HIST 1302 – US History II  
GOVT 2305 – Federal Government  
GOVT 2306 – Texas Government  
Language, Philosophy and Culture Core Elective  
MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistical Methods  
Any 1 Credit Core Elective

### **SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS**

For questions about the university portion of this transfer pathway, contact the **Academic Advising Office** at (254) 968-9746 or [advising@tarleton.edu](mailto:advising@tarleton.edu). It is best to apply to Tarleton State University a full semester before you plan to transfer.

#### **SEMESTER 1**

**Total Hours: 15**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

#### **SEMESTER 2**

**Total Hours: 12**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

#### **SEMESTER 3**

**Total Hours: 12**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

<sup>†</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.