



**AAS in Automobile/Automotive Mechanics Technology to
BAAS in Manufacturing and Industrial Management
Industrial Management Concentration
Guided Pathway
2018-2019 Catalog**



First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
AUMT 1305 – Intro. to Automotive Technology	AUMT 2321 – Automotive Electrical Diagnosis and Repair
AUMT 1407 – Automotive Electrical Systems	AUMT 2417 – Auto. Engine Performance Analysis I
AUMT 1419 – Automotive Engine Repair	AUMT 2434 – Auto. Eng. Performance Analysis II
◐ENGL 1301 – Composition I (010)	◐MATH 1314 – College Algebra * (020)
Total semester hours: 14	Total semester hours: 14
SUMMER I	
AUMT 2357 – Automotive Alternative Fuels	
Total semester hours: 3	

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
AUMT 1445 – Automotive Climate Control Systems	AUMT 2413 – Automotive Drive Train and Axles
AUMT 1410 – Automotive Brake Systems	AUMT 2425 – Automotive Automatic Transmission and Transaxle
AUMT 1416 – Automotive Suspension and Steering Systems	◐SPCH 1321 – Business & Professional Communication *
◐PHIL 2306 – Introduction to Ethics (040)	◐SOC1 1301 – Introductory Sociology * (080)
Total semester hours: 15	Total semester hours 14

AAS: Automobile/Automotive Mechanics Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research and Reporting For Technologists	ENGT 4336 Production Planning
◐MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Elective Course
◐ENGL 1302 – Composition II	◐ *Life and Physical Science Elective Course (030)
◐ *Life and Physical Science Elective Course (030)	◐ *Creative Arts Elective Course (050)
SUMMER SEMESTER	
◐ *Institutional Option (090)	◐GOVT 2306 Texas Government

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	◐HIST 1302 United States History II
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Elective Course	Advanced Elective Course
◐HIST1301 United States History I	Advanced Elective Course
ENGT 4347 Metrics and Measurements	
SUMMER SEMESTER	
Advanced Elective Course	◐GOVT 2305 Federal Government

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

◐ This course counts for the Core Curriculum at any public college or university in Texas.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.