

AUTOMOTIVE SERVICE MANAGEMENT TECHNOLOGY
Associate in Applied Science Technician Service Major Code A004
Associate in Science Technician Service Major Code 21681

Program Description

This Automotive Service Management Technology program, offered at South Campus, is designed both to prepare entry-level automotive technicians and to provide academic background for advancement to management positions in the automotive service industry.

Corporate Programs: Automotive Technology Programs sponsored by Automobile Manufacturers are limited enrollment programs and require an internship at a dealership.

- The General Motors Automotive Service Educational Program (GM-ASEP), Ford Automotive Student Service Educational Training Program (Ford ASSET) and DaimlerChrysler College Automotive Program (Chrysler CAP) are taught in conjunction with Sheridan Technical Center (754) 321-5400.
- The Toyota Technical Education Network (T-TEN) program courses are taught in conjunction with Atlantic Technical Center (754) 321-5188.
- The Honda Professional Automotive Career Training Program (Honda PACT) program courses are taught in conjunction with Robert Morgan Technical Educational Center (305) 253-9920 and the Honda Training Center (954) 349-0171.

Master Technician Program: ASE (National Institute for Automotive Service Excellence) Certified Automotive Technicians may be eligible for up to 41 college credits based on life long learning and work experience.

For additional information about the programs listed above, contact the BCC Automotive Technology Program Manager at (954) 201-8886 or email autotech@broward.edu.

Academic Core Courses Associate in Applied Science Options

*ENC 1101	English Composition	3
Elective	Humanities (Area 2)	3
Elective	Social/Behavioral Sciences (Area 3)	3
*MTB 1310	Applied Mathematics	3
SPC 1024	Introduction to Speech Communication	or
SPC 1600	Introduction to Public Speaking	3
CGS 1100	Introduction to Computer Applications	3
Cooperative Education (Internship)		15
Total Academic Core Credits		33

Technical Course Requirements Technician Service Option Major Code A004

#AER 1010	Introduction to Automotive Technology	3
#AER 1111	Engine Repair	3
#AER 1300	Electrical Systems	4
#AER 1310	Electronics	3
#AER 2230	Manual Drive Train and Axles	3
#AER 2251	Automatic transmissions	3
#AER 2112	Advanced Engine Performance	3
#AER 2410	Brake Systems	4
#AER 2520	Engine Performance	3
#AER 2171	Heating and Air Conditioning Theory	3
#AER 2450	Steering and Suspension	3
Total Technical Service Credits		35

Total Technical Service Degree Credits 68

*Requires a pre- or co-requisite or proper score in placement test. See course description in this catalog or online.

#Credit is awarded for completion of a NATEF accredited Automotive Service Technology Program at Broward or Miami-Dade County Public Schools Technical Centers. Contact the program manager for Additional details.

NOTE: Students seeking an Associate in Science Degree for the purpose of transferring into a state University shall substitute MTB 1310, Applied Mathematics with a college level transferable math course.

It is strongly recommended that students see an academic advisor or counselor every term.

Advanced Automotive Technology Vocational Certificate Major Code 5300

Program Description

Program Description

The Advanced Automotive Technology program, offered at the South Campus Miramar Center, is designed to prepare entry-level dealership automotive technicians. An approved dealership internship is an integral part of the program.

For additional information about the programs listed above, contact the BCC Automotive Technology Program Manager at (954) 201-8886 or email autotech@broward.edu .

Technical Course Requirements*

	(clock hrs.)
AER 0006 Intro to Automotive Technology	135
AER 0011 Intro to Vehicle Systems & Routine Services	285
AER 0118 Engine Repair	185
AER 0313 Electrical Systems	185
AER 0314 Electronics	125
AER 0275 Manual Drive Train and Axles	185
AER 0256 Automatic transmissions	235

	(clock hrs.)
AER 0503 Advanced Engine Performance	180
AER 0417 Brake Systems	185
AER 0500 Engine Performance	180
AER 0173 Heating/Air Conditioning Theory	185
AER 0459 Steering and Suspension	185

30 clock hours = 1 psav credit hour

*Requires a pre- or co-requisite or proper score on placement test. See course description in this catalog or on-line for additional information.

DEALER SPECIFIC AUTOMOTIVE TECHNOLOGY
Associate in Applied Science Dealer Specific Automotive Technology Major Code A037
Associate in Science Dealer Specific Automotive Technology Major Code 2197

Program Description

The Dealer Specific Automotive Technology program, offered at the South Campus Miramar Center, is designed both to prepare entry-level dealership automotive technicians and to provide academic background for advancement to management positions in the automotive service industry.

For additional information about the programs listed above, contact the BCC Automotive Technology Program Manager at (954) 201-8886 or email autotech@broward.edu

Academic Core Courses Associate in Applied Science Options

*ENC 1101	English Composition	3
Elective	Humanities (Area 2)	3
Elective	Social/Behavioral Sciences (Area 3)	3
*MTB 1310	Applied Mathematics	3
SPC 1024	Introduction to Speech Communication	or
SPC 1600	Introduction to Public Speaking	3
CGS 1100	Introduction to Computer Applications	3
Internship		18
Total Academic Core Credits		36

Technical Course Requirements Technician Service Option Major Code A004

AER 1010	Introduction to Automotive Technology	3
AER 1008	Introduction to Vehicle Systems and Routine Services	3
AER 1111	Engine Repair	4
AER 1300	Electrical Systems	3
AER 1310	Electronics	3
AER 2230	Manual Drive Train and Axles	3
AER 2251	Automatic transmissions	3

AER 2112	Advanced Engine Performance	3
AER 2410	Brake Systems	4
AER 2520	Engine Performance	3
AER 2171	Heating and Air Conditioning Theory	3
AER 2450	Steering and Suspension	3
Total Technical Service Credits		38
Total Technical Service Degree Credits		74

*Requires a pre- or co-requisite or proper score in placement test. See course description in this catalog or on-line for additional information.

NOTE: Students seeking an Associate in Science degree for the purpose of transferring into a state university shall substitute MTB 1310, Applied Mathematics with a college level transferable math course.

It is strongly recommended that students see an academic advisor or counselor every term.