

Automotive Service Management Technology (A236) (A.A.S.)

ASSOCIATE IN SCIENCE RECOMMENDED ROADMAP

This academic roadmap is designed to help you select courses each term for your **Associate in Applied Science Degree in Automotive Service Management Technology (A236) (A.A.S.)**. The Associate in Applied Science degree in Automotive Service Management Technology will prepare students for employment as service technicians in the automotive service industry. This two-year training program is hands-on and teaches you to service, diagnose, and repair today's vehicle systems. A combination of theory and practical instruction prepares students for distinctive success and contributes to the economic development of the College's service area.

Full-time students will refer to the term-by-term recommendations, and part-time students will refer to the course-by-course recommendations. "Mile Markers and Notes" on the Roadmap refer to important guidelines for program completion.

This roadmap is intended to provide general guidance about recommended courses and mile markers. For specific guidance about your individual academic degree plan, please see a program advisor. Please also refer to the College Catalog for additional information.

Embedded Certificate(s)

One technical certificate, Automotive Service Technician (6236) (T.C.), is included as an option within this degree program. Students may pursue the A.A.S. degree and earn the technical certificate while completing the requirements for the degree, or pursue the certificate to develop or upgrade their skills. Contact an advisor to determine the career education path that is best for you.

Career Options: The Associate in Applied Science in Automotive Service Management Technology prepares students for a job as an expert auto and light truck technician. Upon completion of the program, students will be comfortable with high-tech electronic engine controls and electrical and computerized systems. Safe, efficient work practices and "people skills" are part of the excellent all-around instruction.

Term Offered: F = Fall Sp = Spring Sm = Summer

Available Modalities: HB = Hybrid OC = On-Campus OL = Online

Full-Time Students: Term-by-Term	Part-Time Students: Course-by-Course	Course: Course Title	Credit Hours	T.C. in Automotive Service Technician	Term Offered	Available Modalities	Mile Markers and Notes
Term 1							Complete an academic degree plan with your advisor.
	1.	ENC 1101: English Composition I	3				Follow up with an advisor about any accelerated credits that you may have earned (e.g., dual enrollment, AP, CLEP, etc.).
	2.	AER 1081C: Introduction to Automotive Technology	4	X	F, Sp	OC	ENC 1101C can be taken in place of ENC 1101. Please speak with your advisor for more information.
	3.	AER 1694C: Electrical Systems I	4	X	F, Sp	OC	
	4.	AER 1498C: Steering and Suspension	4	X	F, Sp	OC	

Term 2	5.	Choose 1 General Education Mathematics	3				See the options for the General Education Requirements in the current College Catalog.
	6.	AER 1598C: Brake Systems	4	X	Sp, Sm	OC	
	7.	AER 1798C: Air Conditioning and Heating	4	X	Sp, Sm	OC	
	8.	AER 1398: Manual Transmissions and Transaxles	4		Sp, Sm	OC	
Term 3	9.	PHY 1020C: Physics for Liberal Arts with Laboratory	3				This is the recommended course, but there are other options. Choose one Physical Sciences course. See the options for the General Education Requirements in the current College Catalog.
	10.	AER 1198: Engines	4		Sm, F	OC	
	11.	AER 2896: Engine Performance I	4		Sm, F	OC	
	12.	AER 2695C: Electrical Systems II	4		Sm, F	OC	
Term 4	13.	Choose 1 General Education Social and Behavioral Sciences	3				See the options for the General Education Requirements in the current College Catalog.
	14.	AER 1291: Automatic Transmissions and Transaxles	4		Sp, Sm	OC	
	15.	AER 2899: Engine Performance II	4		Sp, Sm	OC	
	16.	AER 2895C: Engine Performance III	4		Sp, Sm	OC	
Term 5	17.	Choose 1 Professional Elective	3	Choose one professional elective (1-3 credit hours).	Sm, F		See the list of professional elective options below.
	18.	Choose 1 Professional Elective	2	Choose one professional elective (1-3 credit hours).	Sm, F		See the list of professional elective options below. Upon completing four credits of approved professional electives, you will have earned the technical certificate in Automotive Service Technician.
	19.	Choose 1 General Education Humanities	3				Apply for graduation by the required date. <i>Congratulations, Graduate! Celebrate your success at Commencement!</i>
Total Program Credit Hours =			68	24			

Important for You to Know:

- This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105. Please consult with an advisor for individual assistance.
- **Professional Elective Options for the A.S. in Automotive Service Management Technology** (5 credit hours required)

AER 1933L: Automotive Services Lab (Credit Hours: 1)
AER 2957: Automotive Internship I (Credit Hours: 2) (F, Sp, Sm; OC)
AER 2958: Automotive Internship II (Credit Hours: 2) (F, Sp, Sm; OC)
BCN 2732: OSHA Safety (Credit Hours: 3)
CGS 1100: Microcomputer Applications for Business and Economics (Credit Hours: 3)
CGS 1060C: Introduction to Information Technology (Credit Hours: 3)
GEB 1011: Introduction to Business (Credit Hours: 3)

- **Professional Elective Options for the T.C. in Automotive Service Technician** (4 credit hours required)

AER 1933L: Automotive Services Lab (Credit Hours: 1)
AER 2957: Automotive Internship I (Credit Hours: 2) (F, Sp, Sm; OC)
AER 2958: Automotive Internship II (Credit Hours: 2) (F, Sp, Sm; OC)
BCN 2732: OSHA Safety (Credit Hours: 3)
GEB 1011: Introduction to Business (Credit Hours: 3)