

* A total of 8 of 16 credit hours MUST be earned from ASEP 280, 281, 282, and 283 to qualify for the certificate. Two of the four co-op courses must be completed satisfactorily.

** A student MUST have passed a minimum of two ASE certification tests to earn the certificate.

AUTOMOTIVE TECHNOLOGY

Associate of Applied Science Degree and Certificates

The Automotive Technology program provides the student with the necessary skills and knowledge to enter the field of automotive service and repair. The program is flexible to allow students to enter at the beginning of any semester and plan a schedule around his/her needs. Students receive satisfactory achievement ratings by successfully performing actual on-the-job tasks.

Note: This program requires that the student purchase his/her own tools. To obtain a list of the required tools, contact the program instructor.

Note: A student must earn a grade of C or higher in all courses required for the program in order to receive a degree or certificate.

AAS = Associate of Applied Science

AT = Automotive Technology Certificate

E = Electrical, Emissions and Performance Technician

H = Automotive Heavy Line Technician

L = Light Line Repair Technician

Recommended course sequencing for first-time students

1st Semester		AAS	AT	E	H	L
**AUTE 111*	Steering and Suspension	5	5			5
**AUTE 112*	Brakes	5	5			5
**AUTE 113	Basic Electrical	4	4	4		
MATH 113	Math for Technical Careers	3	3			
Total		17	17	4	0	10
2nd Semester		AAS	AT	E	H	L
**AUTE 115*	Manual Drive Train and Transaxles	6	6		6	
**AUTE 116*	Automatic Transmission and Transaxles	6	6		6	
ENGL 118	Technical Composition	3	3			
COMM 110	Public Speaking OR					
COMM 111	Interpersonal Communication OR					
COMM 120	Business and Professional Communication	3				
Total		18	15	0	12	0
3rd Semester		AAS	AT	E	H	L
**AUTE 118*	Engine Repair	8	8		8	
**AUTE 119*	Heating and Air Conditioning	4	4			4
ENGL 218	Advanced Technical Composition	3				
	Humanities/Social Science Elective	3				
Total		18	12	0	8	4

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4th Semester		AAS	AT	E	H	L
AUTE 114	Electrical Systems	6	6	6		
AUTE 117	Engine Performance	12	12	12		
	Total	18	18	18	0	0
	Total Credits	71	62	22	20	14

* Courses indicated with an asterisk (*) must be taken together.

** Courses indicated with a double asterisk (**) are suitable for first semester students.

BUILDING TRADES

Associate of Applied Science Degree and Certificates

Students interested in a career in the building trades have four options: The Associate of Applied Science degree, Framing Certificate, Insulation and Drywall Certificate and the Finish Carpentry Certificate. The Associate of Applied Science degree is the most comprehensive program and includes all certificate training areas. Students will participate in the construction of a home beginning with the design phase through the finished product. Their level of training will be dependent on which training program they choose.

Note: This program requires that the student purchase his/her own tools. To obtain a list of required tools, contact the program instructor.

Note: A student must earn a grade of C or higher in all courses required for the program in order to receive a degree or certificate.

AAS = Associate of Applied Science

F = Finish Carpentry Certificate

I/D = Insulation and Drywall Certificate

Fr = Framing Certificate

Recommended course sequencing for first-time students

1st Semester		AAS	F	I/D	Fr
BLDT 110*	Basic Blueprint Reading and Design	2	2	2	2
BLDT 111*	Foundations and Floor Framing	3			3
BLDT 112*	Fundamentals of Wall Framing	6		6	6
BLDT 113*	Insulation and Drywall	3		3	3
BLDT 114*	Practical Cost Estimating	3	3	3	
BLDT 115*	Finish Carpentry and Painting	5	5		
MATH 113	Math for Technical Careers	3	3		
	Total	25	13	14	14
NOTE: BLDT-111 is not required for BLDT-112 (Insulation and Drywall Certificate only)					
2nd Semester		AAS	F	I/D	Fr
BLDT 125**	Roof Framing and Shingling	6			6
BLDT 126**	Window and Door Installation	3	3		
BLDT 127**	Exterior Wall Applications	3			
BLDT 128**	Cabinet Design	3	3		
BLDT 129**	Green Building Concepts	3	3	3	3