

AUTOMOTIVE SYSTEMS TECHNOLOGY DIPLOMA (D60160)

COURSE & HOUR REQUIREMENTS

Course Number & Name	Class Hours	Lab Hours	Credit Hours
FALL SEMESTER			
ACA 111 College Student Success OR ACA 122 Transfer & Career Success	0/1	0/2	1
AUT 151 Brake Systems	2	3	3
TRN 110 Intro to Transport Tech	1	2	2
TRN 120 Basic Trans Electricity	4	3	5
TRN 170 PC Skills for Trans	1	2	2
Total	8/9	10/12	13
SPRING SEMESTER			
AUT 114 Safety and Emissions	1	2	2
AUT 116 Engine Repair	2	3	3
AUT 116A Engine Repair Lab	0	4	2
AUT 141 Suspension & Steering	2	3	3
**Math	2	2	3
**Humanities/Fine Arts Elective	3	0	3
Total	10	14	16
SUMMER SEMESTER			
AUT 181 Engine Performance I	2	3	3
AUT 181A Engine Performance I Lab	0	3	1
**Communication Elective	3	0	3
TRN 140 Trans Climate Control	1	2	2
TRN 140A Trans Climate Control Lab	1	2	2
Total	7	10	11
TOTAL SEMESTER CREDIT HOURS FOR DIPLOMA			40

*This course is a component of the general education requirements needed for graduation.

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Course Number & Name	Class Hours	Lab Hours	Credit Hours
**MATH ELECTIVE <i>Select one course from the following:</i>			
MAT 110 Mathematical Measurement & Lit.	2	2	3
MAT 121 Algebra/Trigonometry I	2	2	3
MAT 143 Quantitative Literacy	2	2	3
MAT 152 Statistical Methods I	3	2	4
MAT 171 Precalculus Algebra	3	2	4
**COMMUNICATION ELECTIVE <i>Select one course from the following:</i>			
COM 110 Introduction to Communication	3	0	3
COM 120 Intro to Interpersonal Communication	3	0	3
COM 231 Public Speaking	3	0	3
**HUMANITIES/FINE ARTS <i>Select one course from the following:</i>			
ART 111 Art Appreciation	3	0	3
ART 113 Art Methods and Materials	0	6	3
HUM 115 Critical Thinking	3	0	3
MUS 110 Music Appreciation	3	0	3
MUS 111 Fundamentals of Music	3	0	3
MUS 112 Introduction to Jazz	3	0	3
REL 110 World Religions	3	0	3