

Placement Scores

ASSET in ()		Accuplacer or CPT in { }		COMPASS in []	
Writing	41	Writing	86	Writing	70
Reading	41	Reading	80	Reading	80
Numerical (N)	41	Arithmetic (A)	55	Pre - Alg (N)	---
Elem. Alg (E)	41	Elem. Alg (E)	55	Algebra (A)	59

Preparatory Course Check List:

Writing Score _____	Algebra Score _____	Numerical Score _____	Reading Score _____	Computer Score _____
Basic Skills (0 - 29){20-40}[0-14] ENG 080 (30-34){41-65}[15-39] ENG 090 (35-40){66-85}[40-69] No Prep. English Required	If Numerical score is (38) {57}[42] or higher the following rules apply: MAT 070 (0-37){0-56}[0-39] MAT 080/121/140 if score is higher than (38) {57} (40)	Basic Skills(0-29){20-29}[0-19] MAT 060(30-37){30-56}[20-41] MAT 070(38-55){57-120}[42-99] No Prep Math Required	Basic Skills (0 - 29){20-38}[0-44] RED 080 (30-34){39-56}[45-61] RED 090 (35-40){57-79}[62-79] No Prep. Reading Required	CTS 080 (0-59) 60 or higher CIS 110 or 111 Web Courses (70 or higher) 85 or higher may challenge CIS 111

These courses may be required in order for students to have a reasonable chance to succeed in courses applicable to the Automotive Systems program. They cannot be applied to the hours required for the degree, but they do count in the semester load for tuition and status as a full-time student.

First Semester (First Fall)

Completed	Course #	Course Title (prerequisites) {corequisites}	Lecture Hours	Lab Hours	Work Experience	Credit Hours	Comments
	CSC 133	C Programming (RED 090, MAT 070, CTS 080)	2	3	0	3	
	ELC 131	DC/AC Circuit Analysis	4	3	0	5	Co requ: MAT 121
	ELN 133	Digital Electronics (CTS 080)	3	3	0	4	
	MAT 121	Algebra/Trigonometry (MAT 070) {ELC 131}	2	2	0	3	Co requ: ELC 131
Total			11	11	0	15	

Second Semester (First Spring)

Completed	Course #	Course Title (prerequisites) {corequisites}	Lecture Hours	Lab Hours	Work Experience	Credit Hours	Comments
	ELC 128	Introduction to PLC (ELC 131, ELN 133)	2	3	0	3	
	ELN 131	Electronic Devices (ELC 131)	3	3	0	4	
	ELN 232	Introduction to Microprocessors (ELN 133)	3	3	0	4	
	MAT 122	Algebra/Trigonometry II (MAT 121)	2	2	0	3	
	PHY 131	Physics - Mechanics (RED 090, MAT 121)	3	2	0	4	
Total			13	13	0	18	

Third Semester (First Summer)

Completed	Course #	Course Title (prerequisites) {corequisites}	Lecture Hours	Lab Hours	Work Experience	Credit Hours	Comments
	ENG 111	Expository Writing (CTS 080)	3	0	0	3	
	SBE XXX	Social Behavioral Science Elective	3	0	0	3	
Total			6	0	0	6	

Fourth Semester (Second Fall)

Completed	Course #	Course Title (prerequisites) {corequisites}	Lecture Hours	Lab Hours	Work Experience	Credit Hours	Comments
	ELC 125	Diagrams and Schematics (CTS 080) {ELC 111 or ELC 131}	1	2	0	2	
	ELC 228	PLC Applications (ELC 128)	2	6	0	4	
	ELN 132	Linear IC Applications (ELN 131)	3	3	0	4	
	ENG 114	Professional Research and Reporting (ENG 111)	3	0	0	3	
	HYD 110	Hydraulics/Pneumatics (CTS 080) {ELC 111 or ELC 131}	2	3	0	3	
Total			11	14	0	16	

Fifth Semester (Second Spring)

Completed	Course #	Course Title (prerequisites) {corequisites}	Lecture Hours	Lab Hours	Work Experience	Credit Hours	Comments
	EGR 285	Design Project	0	4	0	2	hybrid/online only
	ELC 135	Electrical Machines I (ELC 125 and ELC 131)	2	2	0	3	1st 8 weeks
	ELN 231	Industrial Controls (ELC 135)	2	3	0	3	2nd 8 weeks
	HUM XXX	Humanities Elective	3	0	0	3	
	PCI 264	Process Control with PLC's (ELC 228)	3	3	0	4	
Total			10	12	0	15	

Total Curriculum Credit Hours

70