

Curriculum Guide - Academic Year 2021-2022

Major: Bachelor of Science in Automotive Engineering Technology (AUTO)

Major Code: AUTO

First Year – Fall Semester	CR	First Year – Spring Semester	CR
FRST 101 College Success (SS)	1	African American Culture and History (AA) Elective	3
ENGL 100 Ideas & Their Expressions I (WC)	3	ENGL 101 Ideas & Their Expressions II (WC)	3
MATH 110 Pre-Calc for Eng and Sci (MLAR)	4	MATH 131 Calculus I (MLAR)	4
AET 121 Computer Applications	3	AET 151 Intro to Automotive Technology	3
CGT 121 Design Fundamentals	3	AET 191 Intro to MFG Processes	3
Semester Total:	14	Semester Total:	16
Second Year – Fall Semester	CR	Second Year – Spring Semester	CR
CHEM 106 General Chemistry VI (SR)	3	MGMT 110 Business Environment	3
CHEM 116 General Chemistry VI Lab (SR)	1	CST 112 Electric Circuits I	3
PHYS 225 College Physics I (SR)	3	PHYS 226 College Physics II (SR)	3
PHYS 235 College Physics I Lab (SR)	1	PHYS 236 College Physics II Lab (SR)	1
CGT 124 Design Applications	3	AET 252 Engine Systems	3
AET 212 Applied Engineering Lab	1	Humanities/Fine Arts (HFA) Elective	3
Social/Behavioral Sciences (SBS) Elective	3		
Semester Total:	15	Semester Total:	16
Third Year – Fall Semester	CR	Third Year – Spring Semester	CR
ACCT 210 Fund Account for Deci Making	3	AET 293 Power Technology	3
MATH 224 Intro Probability & Statistics	3	AET 312 Advanced Engineering Lab	3
AET 270 Industrial Materials & Processes	3	AET 375 Advanced Vehicle Technologies	1
AET 355 Automotive Powertrain	3	AET 392 Applied Statics	3
Global Awareness (GL) Elective	3	AET 395 Quality Control	3
		AET Technical Elective	3
Semester Total:	15	Semester Total:	16
Fourth Year – Fall Semester	CR	Fourth Year – Spring Semester	CR
AET 455 Automotive Electrical Systems	3	AET 456 Vehicle Dynamics	3
AET 470 Capstone Project I	3	AET 480 Capstone Project II	3
AET 492 Applied Mechanics of Materials	2	AET Technical Elective**	2
AET 493 Applied Dynamics	3	Open Elective	3
Open Elective	3	Open Elective	3
Semester Total:	14	Semester Total:	14
Note: Must earn a C or better for all AET major courses.			

Total Credit Hours: **120**

*Select from the approved [General Education courses](#).

**AET Technical Elective in the senior year must be 300 or higher.

Contact Information:

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