

Automotive Technology (A.A.S. Degree)

2009 - 2011 Catalog

Major Code: 028

REMEDIAL SEQUENCE (if Required)

ESL 02 (6)	→	ESL 03 (6)	→	ENG 09 (4)
ENG 01 (4)	→	ENG 02 (4)		
RDL 01 (5)	→	RDL 02 (5)		
MTH 01 (4)	→	MTH 05 (6)	→	MTH 06 (6)
CHM 02 (4)				

GRADUATION REQUIREMENTS

CAT - R	CAT - W	CAT - M
Writing Intensive Course I	Writing Intensive Course II	
2.0 GPA or higher		

FRESHMAN REQUIREMENT

OCD 01

¹ ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.

² HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.

³ Select from Art, Communication, English, Geography, History, Music, Modern Language or Social Science (**one selection must be from English**).

⁴ Corequisites for ACS 10 are ENG 02, RDL 02, MTH 05, if required.

CORE REQUIREMENTS

ENG 10 ¹	Fundamentals of Composition and Rhetoric	OR	
ENG 11	Composition and Rhetoric I		3
CMS 11	Fundamentals of Interpersonal Communication		3
HIS 10	History of the Modern World	OR	
HIS 11 ²	Introduction to the Modern World		3
MTH 13	Trigonometry & College Algebra		3
PEA	Physical Education	OR	
WFA 10	Workplace First Aid		1
CHM 11	General College Chemistry I	OR	
CHM17	Fundamentals of General Chemistry		4
Subtotal:			17

REQUIRED AREAS OF STUDY

ART 10	Introduction to Art	OR	
MUS 10	Introduction to Music		1
PHY 21	Physics for Engineering Technology I		4
ELC 15	Computer Applications in Technology		2
XXX ³	Humanities Elective		6
Subtotal:			13

SPECIALIZATION REQUIREMENTS

ACS 10 ⁴	Introduction to Automotive Technology		1
ACS 11	Engines Repair		4
ACS 12	Brakes Systems		3
ACS 13	Engine Performance		3
ACS 14	Manual Drive Train and Axles		3
ACS 21	Steering and Suspension		3
ACS 22	Automatic Transmission and Transaxle		4
ACS 23	Heating and Air Conditioning		3
ACS 24	Electrical Systems		3
ACS 35	Alternative Fuel Technology		3
Subtotal:			30
Total credits:			60