PATHWAYS
Automotive Technology (A.A.S. Degree)
FALL 2014-SPRING 2015

REMEDIAL SEQUENCE (if required)
☐ ESL 1 (8) ➪ ☐ ESL 2 (6) ➪ ☐ ESL 3 (6) ➪ ☐ ENG 9 (4)
☐ ENG 1 (4) ➪ ☐ ENG 2 (4)
☐ RDL 1 (5) ➪ ☐ RDL 2 (5)
☐ MTH 1 (4) ➪ ☐ MTH 5 (6) ➪ ☐ MTH 6 (6)
☐ CHM 2 (4)

GRADUATION REQUIREMENT
☐ CAT-R ☐ CAT-W ☐ CAT-M ☐ GPA ≥ 2.0
☐ Writing Intensive 1 ☐ Writing Intensive 2

FRESHMAN REQUIREMENT
☐ FYS 11 / OCD 1

1 Students should take ACS 14 before taking ACS 22.

REQUIRED COMMON CORE (course list available online)
☐ A English Composition
   ENG 10 OR ENG 11: AND ENG 12 6
☐ C Life and Physical Sciences
   CHM 11 General Chemistry OR CHM 17 Fundamentals of General Chemistry I 4
Subtotal: 10

FLEXIBLE COMMON CORE (course list available online)
☐ A World Cultures and Global Issues
   HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World 3
☐ D Individual and Society
   COMM 11 Fundamentals of Interpersonal Communication 3
☐ E Scientific World
   PHY 11 College Physics I 4
☐ A-D (3 credits of Humanities Restricted Elective must be selected to fulfill Pathways Flexible Core Requirements. Choose one course from Flexible Core Areas A through D). 3
Subtotal: 13

REQUIRED AREA OF STUDY
☐ MTH 13 Trigonometry and College Algebra 3
☐ PEA or WFA 10 Physical Education OR Workplace First Aid 1
☐ ART 10 or MUS 10 Art Survey OR Music Survey 1
☐ ELC 15 Computer Applications in Technology 2
Subtotal: 7

SPECIALIZATION REQUIREMENTS
☐ ACS 10 Introduction to Automotive Technology 1
☐ ACS 11 Engine Repair 4
☐ ACS 12 Brakes Systems 3
☐ ACS 13 Engine Performance 3
☐ ACS 14¹ Manual Drive Train and Axles 3
☐ ACS 21 Steering and Suspension Systems 3
☐ ACS 22¹ Automatic Transmission and Transaxle 4
☐ ACS 23 Heating and Air Conditioning 3
☐ ASC 24 Electrical Systems 3
☐ ACS 35 or ACS 45 Alternate Fuel Systems OR Diesel Technology 3
Subtotal: 30

TOTAL: 60