

Highland Community College
Automotive Technology
Associate in Applied Science
(68 credit hours)

To be used **ONLY** in conjunction with programs completed at HCC Technical Centers

BASIC SKILLS (6 Credits)

Composition and Speech (6)

- ___ ENG101 Composition I (3) †
- ___ ENG102 Composition II: Literature and Research (3) †
- ___ ENG103 Composition II: Rhetoric and Research (3) †
- ___ ENG110 Technical Composition (3)
- ___ SP 101 Oral Communications (3)
- ___ SP 106 Public Speaking (3) †

HUMANITIES and FINE ARTS (3 Credits)

Art

- ___ A 101 Art Appreciation (3) †
- ___ A 107 Drawing I (3) †
- ___ A 201 Art History Survey: Prehistoric to Medieval (3) †
- ___ A 202 Art Hist Survey: Renaissance to Contemp (3) †

Business/Leadership

- ___ IDS120 Introduction to Leadership Concepts (3) †

Foreign Language

- ___ LG 100 Conversational Spanish (2)
- ___ LG 101 Spanish I (5) †
- ___ LG 102 Spanish II (5) †
- ___ LG 201 Spanish III (3) †

History

- ___ HIS101 United States History to 1877 (3) †
- ___ HIS102 United States History since 1877 (3) †
- ___ HIS103 History of Western Civilization I (3) †
- ___ HIS104 History of Western Civilization II (3) †
- ___ HIS202 Introduction to Ancient History (3)

Library Science

- ___ LS 102 Children's Literature (3) †

Literature

- ___ ENG104 Introduction to Literature (3) †
- ___ ENG202 American Lit: Pre-Colonial to Civil War (3) †
- ___ ENG208 Introduction to Short Story (3)
- ___ ENG209 American Lit: Reconstruction to Pres (3) †
- ___ ENG210 World Lit: Beginnings to Renaissance (3)
- ___ ENG211 World Lit: Enlightenment to Present (3)
- ___ ENG212 British Literature: Middle Ages to 1800 (3)
- ___ ENG213 British Literature: 1800 to Present (3)
- ___ ENG215 Diverse Voices in Literature (3)

Music

- ___ M 103 Music History/Appreciation (3) †
- ___ M 146 Musical Theatre History (3) (= to TH 146)
- ___ M 162 Introduction to World Music (3)
- ___ M 223 History of Jazz (3)

Philosophy

- ___ PHI101 Introduction to Philosophy (3) †
- ___ PHI102 Introduction to Ethics (3) †
- ___ PHI103 Logic & Critical Thinking (3) †
- ___ PHI105 Religions of the World (3) †

Photography

- ___ PHO107 History of Photography (3)

Speech

- ___ SP 103 Oral Interpretation (3)
- ___ SP 105 Interpersonal Communication (3) †

Theatre

- ___ TH 105 Introduction to Drama (3)
- ___ TH 108 History/Appreciation of Theatre Arts (3) †
- ___ TH 146 Musical Theatre History (3) (= to M 146)
- ___ TH 208 Film Appreciation (3)

SOCIAL & BEHAVIORAL SCIENCES (3 Credits)

Anthropology

___ ANT112 General Anthropology (3) †

Criminal Justice

___ CJ 100 Intro to Criminal Justice (3) †

___ CJ 120 Juvenile Delinquency and Justice (3)

Business

___ BUS101 Introduction to Business (3) †

___ BUS102 Personal Finance (3) †

___ BUS125 Human Resources (3)

___ BUS127 Principles of Entrepreneurship I (3)

___ BUS203 Macroeconomics (3) †

___ BUS204 Microeconomics (3) †

Geography

___ GEO212 World Regional Geography (3) †

Political Science

___ POL100 United States Government (3) †

___ POL101 Introduction to Political Science (3) †

___ POL115 State & Local Government (3)

Psychology

___ PSY101 General Psychology (3) †

___ PSY105 Industrial & Organizational Psychology (3)

___ PSY205 Human Growth & Development (3) †

Sociology

___ SOC101 General Sociology (3) †

___ SOC102 Marriage & the Family (3) †

___ SOC104 Introduction to Social Work (3) †

Degree Requirements (53 credits)

___ @AUT101 Electrical I (3)

___ @AUT121 Auto Electricity and Electronics (2)

___ @AUT122 Brakes I (3)

___ @AUT142 Automotive Tech Lab I (5)

OR ___ @AUT142A Automotive Tech Lab I A (2)

AND ___ @AUT142B Automotive Tech Lab I B (3)

___ @AUT132 Engine Performance I (3)

___ @AUT151 Heating and Air Conditioning (2)

___ @AUT161 Suspension and Steering I (3)

___ @AUT192 Automotive Tech Lab II (5)

OR ___ @AUT192A Automotive Tech Lab II A (2)

AND ___ @AUT192B Automotive Tech Lab II B (3)

___ @AUT193 Hybrid and Fuel Cell Vehicles (1)

___ @AUT201 Manual Drive Trains and Axles (2)

___ @AUT211 Automatic Transmissions/Transaxles I (2)

___ @AUT221 Engine Performance II (2)

___ @AUT242 Automotive Tech Lab III (7)

OR ___ @AUT242A Automotive Tech Lab III A (4)

AND ___ @AUT242B Auto Tech Lab III B (3)

___ @AUT251 Engine Repair (2)

___ @AUT255 Automatic Transmissions/Transaxles II (1)

___ @AUT261 Auto Service Management (2)

___ @AUT281 Automotive Tech Lab IV (7)

OR ___ @AUT281A Automotive Tech Lab IV A (4)

AND ___ @AUT281B Auto Tech Lab IV B (3)

___ @AUT291 Service Management Practicum (1)

MATHEMATICS OR SCIENCES (3 Credits)

Mathematics course (100 level or above)

Natural Sciences

___ BS 101 College Biology with lab (5) †

___ BS 104 Human Anatomy with lab (4) †

___ BS 105 Human Physiology with lab (4) †

___ BS 107 Intro to Environmental Sci. with lab (4) †

___ BS 110 Nutrition (3) †

___ BS 112 Nutrition for Health, Fitness and Sports w/Lab (5)

___ BS 201 General Zoology (5)

___ BS 202 General Botany with lab (5)

___ BS 203 Microbiology with lab (5)

Physical Science

___ PS 101 College Physical Science with lab (5) †

___ PS 102 Concepts of Physics with lab (4)

___ PS 104 Physical Geology with lab (4) †

___ PS 107 General Chemistry with lab (5) †

___ PS 108 Astronomy with lab (4) †

___ PS 111 College Chemistry I with lab (5) †

___ PS 112 College Chemistry II with lab (5) †

___ PS 203 General Physics I with lab (5) †

___ PS 204 General Physics II with lab (5) †

___ PS 210 Organic Chemistry I with lab (5)

___ PS 215 College Physics I with lab (5) †

___ PS 216 College Physics II with lab (5) †

Required NATEF 2008 Standards:

___ ASE Student Certification: all 8 NATEF categories

Optional Certification:

___ ASE G1 Professional Level Maintenance & Light Repair

Notes:

@ indicates a degree requirement course that can be no more than 5 years old to count toward this AAS degree.

† This course is approved by the Kansas Board of Regents for System Wide Transfer (SWT) among all Kansas public postsecondary institutions offering an equivalent course. Additional courses may also be eligible for transfer. Please visit the Highland Registrar to learn more.