

Highland Community College

Diesel 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)

___ @DSL102 OSHA 10 (1)

___ @DSL111 Fundamentals/Operating Principles (4)

___ @DSL133 Diesel Engines I (5)

___ @DSL141 Welding and Fabrication Lab (1)

___ @DSL152 Fuel System Diagnosis/Repair (4)

___ @DSL162 Electrical/Electronic Systems (5)

___ @DSL172 Brakes (3)

___ @DSL182 Introduction to Hydraulics (3)

___ @DSL192 Advanced Engine Maintenance (2)

___ @DSL212 Advanced Engine Overhaul (3)

___ @DSL222 Adv. Electrical/Electronic Systems (5)

___ @DSL232 Hydraulic Diagnosis/Repair (3)

___ @DSL261 Air Conditioning Diagnosis/Repair (2)

___ @DSL272 Suspension and Steering (3)

___ @DSL275 Diesel Management (3)

___ @DSL281 Transmission Overhaul/Diagnosis (3)

___ @DSL291 Advanced Clutch & Power Train (3)

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) †

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.

Revised 9/21