

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

BASIC SKILLS (9 Credits)

Composition and Speech (6)

- ___ ENG101 Composition I (3) **TR** GE1
- ___ ENG102 Composition II: Literature and Research (3) **TR** GE1
- ___ ENG103 Composition II: Rhetoric and Research (3) **TR** GE1
- ___ ENG110 Technical Composition (3)
- ___ SP 105 Interpersonal Communication (3) **TR** GE2
- ___ SP 106 Public Speaking (3) **TR** GE2

HUMANITIES and FINE ARTS (3 Credits)

Art

- ___ A 101 Art Appreciation (3) **TR** GE6
- ___ A 107 Drawing I (3) **TR** GE6
- ___ A 201 Art History Survey: Prehistoric to Medieval (3) **TR** GE6
- ___ A 202 Art Hist Survey: Renaissance to Contemp (3) **TR** GE6

Education

- ___ LS 102 Children's Literature (3) **TR** GE7

Foreign Language

- ___ LG 100 Conversational Spanish (2)
- ___ LG 101 Spanish I (5) **TR** GE6
- ___ LG 102 Spanish II (5) **TR** GE6
- ___ LG 201 Spanish III (3) **TR** GE6

History

- ___ HIS101 United States History to 1877 (3) **TR** GE6
- ___ HIS102 United States History since 1877 (3) **TR** GE6
- ___ HIS103 History of Western Civilization I (3) **TR** GE6
- ___ HIS104 History of Western Civilization II (3) **TR** GE6

Literature

- ___ ENG104 Introduction to Literature (3) **TR** GE6
- ___ ENG202 American Lit: Pre-Colonial to Civil War (3) **TR** GE6
- ___ ENG208 Introduction to Short Story (3) GE6
- ___ ENG209 American Lit: Reconstruction to Pres (3) **TR** GE6
- ___ ENG210 World Lit: Beginnings to Renaissance (3)
- ___ ENG211 World Lit: Enlightenment to Present (3) GE6
- ___ ENG212 British Literature: Middle Ages to 1800 (3)
- ___ ENG213 British Literature: 1800 to Present (3) GE6
- ___ ENG215 Diverse Voices in Literature (3) GE6

Music

- ___ M 103 Music History/Appreciation (3) **TR** GE6
- ___ M 146 Musical Theatre History (3) (= to TH 146) GE6
- ___ M 162 Introduction to World Music (3) GE6
- ___ M 223 History of Jazz (3) GE6

Philosophy

- ___ PHI101 Introduction to Philosophy (3) **TR** GE6
- ___ PHI102 Introduction to Ethics (3) **TR** GE6
- ___ PHI103 Logic & Critical Thinking (3) **TR** GE6
- ___ PHI105 Religions of the World (3) **TR** GE6

Speech

- ___ SP 101 Oral Communications (3) GE6
- ___ SP 103 Oral Interpretation (3)

Theatre

- ___ TH 105 Introduction to Drama (3)
- ___ TH 108 History/Appreciation of Theatre Arts (3) **TR** GE6
- ___ TH 146 Musical Theatre History (3) (= to M 146) GE6
- ___ TH 208 Film Appreciation (3) GE6

SOCIAL & BEHAVIORAL SCIENCES (3 Credits)

Anthropology

___ ANT112 General Anthropology (3) † GE5

☐ Criminal Justice

___ CJ 100 Intro to Criminal Justice (3) † GE5

___ CJ 120 Juvenile Delinquency and Justice (3) GE5

☐ Business

___ BUS101 Introduction to Business (3)

___ BUS102 Personal Finance (3)

___ BUS125 Human Resources (3)

___ BUS127 Principles of Entrepreneurship I (3)

___ BUS203 Macroeconomics (3) † GE5

___ BUS204 Microeconomics (3) † GE5

☐ Geography

___ GEO212 World Regional Geography (3) † GE5

☐ Political Science

___ POL100 United States Government (3) † GE5

___ POL101 Introduction to Political Science (3) † GE5

___ POL115 State & Local Government (3) † GE5

☐ Psychology

___ PSY101 General Psychology (3) † GE5

___ PSY105 Industrial & Organizational Psychology (3)

___ PSY205 Human Growth & Development (3) † GE5

☐ Sociology

___ SOC101 General Sociology (3) † GE5

___ SOC102 Marriage & the Family (3) † GE

___ SOC104 Introduction to Social Work (3) † GE5

DEGREE REQUIREMENTS (53 credits)

___ DSL 102 OSHA 10 (1)

___ DSL 111 Fund./Operating Principles (4)

___ DSL 133 Diesel Engine I (5)

___ DSL 141 Welding and Fabrication Lab (1)

___ DSL 152 Fuel System Diagnosis/Repair (4)

___ DSL 162 Electrical/Electronics Systems (5)

___ DSL 172 Brakes (3)

___ DSL 182 Introduction to Hydraulics (3)

___ DSL 192 Advanced Engine Maintenance (2)

___ DSL 212 Advanced Engine Overhaul (3)

___ DSL 222 Adv. Electronic Diagnosis/Repair (5)

___ DSL 232 Hydraulic Diagnosis/Repair (3)

___ DSL 261 Air Conditioning Diag./Repair (2)

___ DSL 272 Suspension and Steering (3)

___ DSL 275 Diesel Management (3)

___ DSL 281 Transmission Overhaul/Diagnosis (3)

___ DSL 291 Advanced Clutch & Power Train (3)

___ MAT102 Technical Math (3)

___ MAT104 College Algebra (3) † GE3

___ MAT108 Contemporary Math (3) † GE3

___ MAT203 Basic Statistics (3) † GE3

☐ Natural Sciences

___ BS 101 College Biology with lab (5)) † GE4

___ BS 104 Human Anatomy with lab (4)) † GE4

___ BS 105 Human Physiology with lab (4)) † GE4

___ BS 107 Intro to Environmental Sci. with lab (4)) † GE4

___ BS 110 Nutrition (3)) † GE7

___ BS 112 Nutrition for Health, Fitness & Sports w/Lab (5) GE7

___ BS 201 General Zoology (5) GE7

___ BS 202 General Botany with lab (5)

___ BS 203 Microbiology with lab (5)) † GE4

☐ Physical Science

___ CHM107 General Chemistry with lab (5)) † GE4

___ CHM111 College Chemistry I with lab (5)) † GE4

___ CHM112 College Chemistry II with lab (5)) † GE4

___ CHM 210 Organic Chemistry I with lab (5)

___ PS 101 College Physical Science with lab (5) † GE4

___ PS 102 Concepts of Physics with lab (4)

___ PS 104 Physical Geology with lab (4) † GE4

___ PS 108 Astronomy with lab (4)) † GE4

___ PS 203 General Physics I with lab (5)) † GE4

___ PS 204 General Physics II with lab (5)) † GE4

___ PS 215 College Physics I with lab (5)) † GE4

___ PS 216 College Physics II with lab (5)) † GE4

CERTIFICATIONS

Automotive Service Excellence (ASE):

___ ASE Entry Level: all 4 ASE categories

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 11/25

MATHEMATICS OR SCIENCES (3 Credits)

☐ Mathematics