

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

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

BASIC SKILLS (9 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) †

Computer Literacy (3 Credits)~

- ___ AB 227 Agriculture Microcomputer I (3)
- ___ A 113 Typography (3)
- ___ A 121 Design Software Application (3)
- ___ A 139 Computer Graphics: Web Design (3)
- ___ A 215 Graphic Design (3)
- ___ A 223 Computer Graphics: Illustration (3)
- ___ A 224 Computer Graphics: Enhanced Photo (3)
- ___ BUS130 Microcomputer Applications I (3) †
- ___ BUS133 Micro App I: Spreadsheet (3)
- ___ BUS139 Micro App I: Word Processing (3)
- ___ BUS181 Micro App I: Word Processing (1)
- ___ BUS183 Micro App I: Spreadsheet (1)
- ___ BUS189 Micro App I: Electronic Bus Pres (1)
- ___ BUS246D Micro App I: Web Design (2)
- ___ CAD131A Computer Graphics I (3)
- ___ CAD131B Computer Graphics I (2)
- ___ CST105 Industrial Computer Applications (2)

~The three credit hours of Computer Literacy must have been completed within the past five years.

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)

___ @ELE102 Safety (OSHA 10) (1)

___ @ELE112 AC/DC Circuits I (4)

___ @ELE125 Generators & Transformers (3)

___ @ELE122 Residential Wiring I (4)

___ @ELE115 Print Reading (2)

___ @ELE132 Commercial Wiring I (4)

___ @ELE135 Troubleshooting Techniques (4)

___ @ELE142 National Electrical Code 1 (4)

___ @ELE152 Industrial Wiring & Design (4)

___ @ELE162 Electrical Motor Operation & Control (5)

___ @ELE163 Electrical Motor Operations & Control II (5)

___ @ELE165 Blueprints & Schematics (3)

___ @ELE172 Fundamentals of PLC's (2)

___ @ELE175 Troubleshooting Techniques II (4)

___ @ELE182 National Electrical Code II (4)

MATHEMATICS OR SCIENCES

**Math/Science Requirement fulfilled by degree requirements in Electrical.

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.

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