

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.

Revised 9/21