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

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BASIC SKILLS (9 Credits)
❑ Composition and Speech (6)
___ ENG101 Composition I (3) ⏵ GE1
___ ENG102 Composition II: Literature and Research (3) ⏵ GE1
___ ENG103 Composition II: Rhetoric and Research (3) ⏵ GE1
___ ENG110 Technical Composition (3)
___ SP 105 Interpersonal Communication (3) ⏵ GE2
___ SP 106 Public Speaking (3) ⏵ GE2

❑ 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) ⏵ GE6
___ A 107 Drawing I (3) ⏵ GE6
___ A 201 Art History Survey: Prehistoric to Medieval (3) ⏵ GE6
___ A 202 Art Hist Survey: Renaissance to Contemp (3) ⏵ GE6
❑ Education
___ LS 102 Children's Literature (3) ⏵ GE7
❑ Foreign Language
___ LG 100 Conversational Spanish (2)
___ LG 101 Spanish I (5) ⏵ GE6
___ LG 102 Spanish II (5) ⏵ GE6
___ LG 201 Spanish III (3) ⏵ GE6
❑ History
___ HIS101 United States History to 1877 (3) ⏵ GE6
___ HIS102 United States History since 1877 (3) ⏵ GE6
___ HIS103 History of Western Civilization I (3) ⏵ GE6
___ HIS104 History of Western Civilization II (3) ⏵ GE6
❑ Literature
___ ENG104 Introduction to Literature (3) ⏵ GE6
___ ENG202 American Lit: Pre-Colonial to Civil War (3) ⏵ GE6
___ ENG208 Introduction to Short Story (3) GE6
___ ENG209 American Lit: Reconstruction to Pres (3) ⏵ 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) ⏵ 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) ⏵ GE6
___ PHI102 Introduction to Ethics (3) ⏵ GE6
___ PHI103 Logic & Critical Thinking (3) ⏵ GE6
___ PHI105 Religions of the World (3) ⏵ 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) ⏵ 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)
___ @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 the Electrical Program.

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