ELECTRICAL TECHNOLOGY - ELECTRICIAN
DIPLOMA – 74 CREDITS

Program Plan — "Primary"
Locations: Moorhead

1st Fall Term (16 credits)

Courses

Course	Crds
ELEC1100 - Electrical Safety	1
ELEC1102 - Introduction to Electric Circuit Theory	4
ELEC1104 - Introduction to National Electrical Code	2
ELEC1107 - Introduction to Residential Wiring	3
ELEC1122 - Introduction to Electrical Materials	1
ELEC1124 - Introduction to Electrical Blueprint Reading	2
MATH1000 - Technical Mathematics	3

1st Spring Term (17 credits)

Courses

Course	Crds
ELEC1108 - Electrical Circuit Theory	4
ELEC1110 - Electric Motors and Generators	4
ELEC1112 - Residential Wiring	3
ELEC1114 - National Electrical Code	2
ELEC1130 - Electrical Blueprints	3
PDEV1102 - Contemporary Career Search	1

1st Summer Term (6 credits)

Courses

Course	Crds
ELEC1116 - Conduit/Tool Applications	2
ELEC1118 - Electrical Services	3
HLTH1122 - CPR-First Aid	1

2nd Fall Term (18 credits)

Courses

Course	Crds
ELEC2202 - Heating/Cooling Controls	3
ELEC2205 - Introduction to Commercial Wiring	3
ELEC2206 - Introduction to Motor Control Applications	3
ELEC2208 - Programmable Logic Controllers	2
ELEC2211 - Electronic Motor Control	3
ELEC2230 - Electrical Building Information Modeling	2
ELEC2250 - Special Topics/Projects	2

2nd Spring Term (17 credits)

Courses

Course	Crds
ELEC2212 - Commercial Wiring	3
ELEC2214 - Industrial Wiring	2
ELEC2216 - Motor Control Application	3
ELEC2222 - Advanced Programmable Logic Controllers..	3
ELEC2225 - Transformers	2
ELEC2238 - Low Voltage Wiring	2
ELEC2248 - Code Applications	2