

# 2024-2025 TTC Catalog

## Electrician - Construction

### Certificate in Applied Science

#### 18 Credit Hours

The Electrician: Construction certificate program prepares you for employment in the electrical construction trade. Emphasis is placed on electrical theory, wiring techniques, electrical equipment installations and license preparation in accordance with the latest edition of the National Electrical Code.

#### Major Requirements

EEM 105 Basic Electricity 2  
EEM 138 National Electrical Code I 2  
EEM 139 National Electrical Code II 2  
EEM 163 Residential Wiring I 2  
EEM 164 Residential Wiring II 2  
EEM 167 Commercial-Industrial Wiring I 2  
EEM 168 Commercial-Industrial Wiring II 2  
EEM 173 Electrical Installation I 2  
EEM 174 Electrical Installation II 2

Total: 18

#### Admission Requirements

Students who are at least 18 years old and have acceptable scores from the SAT, ACT or placement test can be admitted into this program without a high school diploma or GED.