



Electrical Power Distribution/ Line Mechanic

TECHNICAL DIPLOMA

Program Code: 31-413-2

Mequon Campus

This program prepares students for entry-level electrical line worker positions in industry. Although completion of this program does not substitute for an electrical apprenticeship, it does offer the basic knowledge needed to begin working for some electrical utilities, contractors and in related trades.

Career Outlook

Some graduates use the training as a step toward apprenticeship. Other positions available to graduates include electrical line worker and electrician cable installer.

Program Learning Outcomes

- Apply electrical theory

Program Learning Outcomes (continued)

- Construct overhead electrical distribution systems
- Disassemble overhead electrical distribution systems
- Construct underground electrical distribution systems
- Disassemble underground electrical distribution systems
- Construct overhead electrical transmission system
- Disassemble overhead electrical transmission system
- Maintain electrical systems

Admission Requirements

- A high school diploma or GED
- Ability to drive and a valid driver's license



Manufacturing, Construction & Transportation
MILWAUKEE AREA Technical College

For complete information, go to matc.edu/course-catalog/manufacturing-construction-transportation
To apply for financial aid, visit fafsa.gov School Code: 003866

COURSES	Credits
ELECTY-318 Electrical Power Distribution 1A ‡	5
ELECTY-319 Electrical Power Distribution 1B ‡.....	4
ELECTY-320 Electrical Principles and Applied Math 1 ‡ ...	4
ELECTY-321 Line Mechanic Rescue and Safety ‡	2
ELECTY-322 Electrical Power Distribution 2A ‡	5
ELECTY-323 Electrical Power Distribution 2B ‡	4
ELECTY-324 Electrical Principles and Applied Math 2 ‡ ...	4
ENG-340 Workplace Communication	2
(or) ENG-195 Written Communication ‡	

TOTAL CREDITS: 30

‡ Prerequisite required.
Program curriculum requirements are subject to change.

Current MATC students should consult their
Academic Program Plan for specific curriculum
requirements.

Possible Careers

- Electrician Cable Installer
- Electrical Line Worker
- Apprentice Line Worker
- Substation Electrician
- Meter Worker
- Utility Line Locator Technician
- Tree Trimmer
- Wind Turbine Tech
- Aerial Telecom Installer

Related Program

- Electricity



10% Post Consumer Recycled



matc.edu or 414-297-MATC
Wisconsin Relay System 711

Downtown Milwaukee Campus
700 West State Street

Mequon Campus
5555 West Highland Road

Oak Creek Campus
6665 South Howell Avenue

West Allis Campus
1200 South 71st Street

**MATC Education Center
at Walker’s Square**
816 West National Avenue, Milwaukee