

# Electrical Continuing Education

## Courses:

- Journeyman & Master Electrician Prep (DL)  
March 5 & 6: \$240
- Power-Limited NEC Code,  
Electrical Theory & Diagrams (Wad)  
April 24: \$120
- NEC Code Changes I & II (Wad)  
May 1: \$120

## Optional purchase:

- 2017 National Electrical Code Book: \$105
- 2020 National Electrical Code Book: \$115

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Mobile phone: \_\_\_\_\_

Email: \_\_\_\_\_

(Contact info needed for course communications.)

License no.: \_\_\_\_\_

- Minnesota license holder
- North Dakota license holder
- Other state license holder (indicate state): \_\_\_\_\_

## Payment options:

- Payment enclosed
- Bill my company

Company: \_\_\_\_\_

Contact name: \_\_\_\_\_

Contact email: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

- Charge my Visa/MasterCard/Discover

Card#: \_\_\_\_\_

Exp date: \_\_\_\_\_ Code: \_\_\_\_\_

Name on card: \_\_\_\_\_

Billing zip code: \_\_\_\_\_

Minnesota State Community and Technical College  
Workforce Development Solutions  
900 Hwy 34 East  
Detroit Lakes, MN 56501

# Electrical and Power Limited Continuing Education

Spring 2020



Workforce  
Development  
Solutions

## Credit-Based Courses

### Power-Limited NEC Code, Electrical Theory & Diagrams

This course will cover basic electrical theory, including series and parallel circuits, voltage drop, Ohm's and Watt's Laws. The course also reviews Minnesota laws and rules pertaining to power limited circuits. The 2020 National Electrical Code articles associated with power-limited wiring will be covered. Reading of wiring diagrams and schematics will also be included.

Date: Friday, April 24  
Time: 8 AM - 4:30 PM  
Location: M State - Wadena campus  
405 Colfax Ave SW, Wadena, MN 56482

Instructor: Gerald Imdieke  
Fee: \$120

4.5 CE Code Hours/3.5 CE Other Hours  
Please order books at time of registration.\*

### National Electrical Code Changes I & II

This course is approved for eight hours of interactive lecture for continuing education in Minnesota for electricians, power-limited technicians and registered unlicensed individuals. This course covers the major changes in Articles 90 through Chapter 9, including four new Articles and the annexes, in the 2020 National Electrical Code.

Date: Friday, May 1  
Time: 8 AM - 4:30 PM  
Location: M State - Wadena campus  
405 Colfax Ave SW, Wadena, MN 56482

Instructor: Gerald Imdieke  
Fee: \$120

8 CE Code Hours  
Please order books at time of registration.\*

## Non-Credit Based Courses

### Journeyman and Master Electrician Prep

This course provides the experienced electrician and advanced student with an overview of the National Electrical Code, the laws and rules regulating licensing of electricians, and inspection of electrical installation. This course can be used in preparing for the Journeyman or Masters Electrician exam. The 2017 Code Book will be used in this course.

*Prerequisites: 30 CONE credits or experience in the electrical field.*

Dates: Thursday, March 5  
and Friday, March 6  
Time: 8 AM - 4:30 PM  
Location: M State - Detroit Lakes campus  
900 Hwy 34 E, Detroit Lakes, MN 56501  
Instructor: Gerald Imdieke  
Fee: \$240

**This course does not qualify for continuing education.**  
Please order books at time of registration.\*

\* Optional textbook purchase for all courses:  
2017 National Electrical Code Book -  
Paperback edition: \$105  
2020 National Electrical Code Book -  
Spiral-bound edition: \$115

## Course Policies

**Email address:** We are requesting your email address for course communication. If appropriate, your email may be used for marketing purposes. Email addresses are not distributed.

**Class cancellations:** M State reserves the right to cancel classes due to lack of enrollment. Registration and associated fees will be refunded.

**Refund request:** Must be done by student at least three business days before the start of class.

**No-shows and missed classes:** Refunds will not be issued to anyone who does not attend class without prior notification.

**Accommodations:** Please notify M State at time of registration if special accommodations are needed.

## Registration Information

Payment is due at time of registration.

Online: [www.minnesota.edu/wds](http://www.minnesota.edu/wds)  
Click **Electrical Trainings**  
(payment with credit or debit card required)

Mail: Make checks payable to M State  
Attn: Jamon Friendshuh

Phone: 218.846.3733 to use MC/Visa/Discover

## Contact Information/Questions:

Workforce Development Solutions  
Jamon Friendshuh  
900 Hwy. 34 East, Detroit Lakes, MN 56501  
218.846.3733 or 800.492.4836 ext. 3733  
Fax: 218.846.3732  
[jamon.friendshuh@minnesota.edu](mailto:jamon.friendshuh@minnesota.edu)

## About WDS

For more than 20 years, Minnesota State Community and Technical College has been supporting businesses and industries throughout the region with skills and technology training that is custom designed for each client's needs.

M State's Workforce Development Solutions (WDS) delivers more than 100,000 hours of training to more than 6,000 students each year. WDS training includes, but is not limited to, the following concentrations: Applied Technology, Leadership Development, Industrial Technology and Manufacturing, Information Technology and Health and Emergency Services.

For customized training classes built to fit your employees, contact

### Amy Hochgraber

Email: [amy.hochgraber@minnesota.edu](mailto:amy.hochgraber@minnesota.edu)  
Phone: 218.846.3766

### GL Tucker

Email: [gl.tucker@minnesota.edu](mailto:gl.tucker@minnesota.edu)  
Phone: 218.846.3765

 **Minnesota State**  
Community and Technical College  
Workforce Development Solutions

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A member of the Minnesota State system, is an affirmative  
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