Registration

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

Optional book purchase:
- 2017 National Electrical Code Book: $105
- 2020 National Electrical Code Book: $115

Boiler courses:
Boiler Engineering
- March 10 - April 2
- April 28 - May 21
  Stationary Boilers Low Pressure Review
  - March 25
  - April 29

Optional book purchase:
- Low Pressure Boilers: $100
- High Pressure Boilers: $125

Name: ____________________________________________
Address: _________________________________________
City: _____________________________________________
State:____________________ZIP:____________________
Mobile phone: _________________________________
Email: ____________________________
   (Contact info needed for course communications.)
License no. (If applicable):
- 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 no.: _____________________________________
  Exp date: ___________ Code: _________________
  Name on card: _________________________________
  Billing ZIP code: ______________________________
Electrical 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 Collfax Ave SW
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 Collfax Ave SW
Instructor: Gerald Imdieke
Fee: $120
8 CE Code Hours

Please order books at time of registration.*

Electrical 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 master electrician exams. 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
Instructor: Gerald Imdieke
Fee: $240

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

Boiler Courses

Boiler Engineering
This 18-hour course covers steam and hot water boiler and heating plant operations at a slower pace. Students are prepared for the Minnesota Grade C Boiler License (Special through Chief).

Option 1: March 10, 12, 24, 26, 31; April 2
Time: 6-9 PM
Instructor: Ric Koval
Location: M State Moorhead Campus
1900 28th Avenue South
Fee: $350 (Includes tuition, textbook and all materials)

Stationary Boilers Low Pressure Review
This eight-hour course is designed to help the prospective engineer execute his/her job more safely and efficiently. As this class is considered a prep class for the Special Boiler License, emphasis will be on preparing for the State Boiler Examination. In addition to this preparation for the exam, this class is also considered a review for other low pressure applications and could assist in advancing from one license classification to another.

Option 1: March 25
Location: M State - Moorhead campus
1900 28th Avenue South
Fee: $110 (includes handout materials)

Option 2: April 29
Location: M State - Detroit Lakes campus
900 Highway 34 East
Fee: $110 (includes handout materials)

Optional: Textbooks
Low Pressure: $100
High Pressure: $125

Please order books at time of registration.*

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 and Contact Info

Online: www.minnesota.edu/wds
Click Electrical Trainings for electrical classes
Click Mechanical Trainings for boiler classes

Mail: Make checks payable to M State - WDS
Attn: Jamon Friendshuh
900 Hwy. 34 East, Detroit Lakes, MN 56501
Phone: 218.846.3733 or 800.492.4836 ext. 3733
to use MC/Visa/Discover
Email questions to 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, 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
amy.hochgraber@minnesota.edu
218.846.3766

GL Tucker
gl.tucker@minnesota.edu
218.846.3765

Online: www.minnesota.edu/wds

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