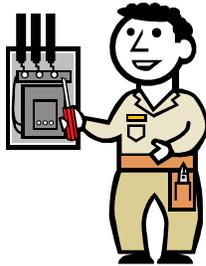


WISCONSIN ACT 63

Wisconsin Act 63 soon requires licensing for individuals installing electrical wiring.

Previously, Wisconsin law did not require that a person be licensed or



certified by either the state or a local government to work as an electrician or electrical contractor. There was a voluntary state certification program for electrical work that municipalities could adopt, or municipalities could have their own program.

The new system is scheduled for April 1, 2013. This is an opportunity to further hone your skills and prepare yourself to take the exam.

STATE OF WISCONSIN WILL REQUIRE LICENSING FOR ALL INDIVIDUALS INSTALLING ELECTRICAL WIRING.

ATTEND A TRAINING COURSE TO PREPARE FOR THE ELECTRICAL EXAM

We will be providing this training program in partnership with Northcentral Technical College. Through interactive television, we will be broadcasting the class from the Wausau campus to all other campus locations. We encourage everyone not holding a Wisconsin Electrical Credential to attend. All people performing electrical work in the State of Wisconsin will soon be required to hold a credential.

Instructors and Contact Information

Terry Fameree
PO Box 8145
Green Bay, WI 54308
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WISCONSIN DEPARTMENT OF COMMERCE- SAFETY & BUILDINGS DIVISION

201 W. Washington Avenue
PO Box 2658
Madison, WI 53701-2658

WISCONSIN DEPARTMENT OF COMMERCE- SAFETY & BUILDINGS



ELECTRICAL EXAM PREP TRAINING

*Protecting People,
Property and Business*



Weekly course every Wednesday morning, starting June 1, 2011 and runs to August 17, 2011

8:30 am to 11:30 am

** Exam Days have longer times

Northcentral Technical College
<http://www.commerce.wi.gov/SB/>

COURSE CURRICULUM

Class/Date/	Class Work	Homework for Next Class
Class 1 06/01/11	Review Schedule and topics to be covered. Review Comm 16. Take Quiz 0	Finish Quiz 0. (Find a code reference for each answer). Review COMM 16. Read Unit 1 Electrician's Math; Unit 2 Electrical Circuits; Unit 3 Understanding AC Current. Additional Homework: Unit 1, Practice Questions, Starting on page 21; 8, 15, 19, 43, 46, 51. Unit 2, page 52; 31, 33, 35, 49, 50, 51. Unit 3, page 82; 10, 20, 29, 66, 68.
Class 2 06/08/11	Review Quiz 0. Review Unit 1, 2, 3 on Electrical Theory. Take Quiz 1	Review NEC Table of Contents and Articles 110, 300. Read Unit 5, Raceway and Box Calculations. Additional Homework: Unit 5 Practice Questions, page 143-146; Even Numbered Questions. .
Class 3 06/15/11	Review Quiz 1. Review Unit 5 on Raceway and Box Sizing. Take Quiz 2.	Review NEC Index and Articles 230 and 250. Read Unit 6, Conductor Sizing and Protection Calculations. Additional Homework: Unit 6, pages 186 through 190, Even Numbered Questions). Find Key Word and Code references if applicable.
Class 4 06/22/11	Review Quiz 2. Review Unit 6 on Conductor Ampacity. Take Quiz 3.	Review NEC 450 and 240. Read Units 4 and 7, Motors and Transformers. Additional Homework: Unit 4, starting on page 108, Questions: 7, 13, 16, 24, 26, 32, and 38. Unit 7, page 211, Questions: 4, 5, 6, 10, 11, 13, 20, 21, 26, and 28.
Class 5 06/29/11 NO CLASS 07/06/11	Review Quiz 3. Review Units 4 and 7 on Motors and Transformers. Take Quiz 4.	Review NEC Chapters 5, 6, 7, 8, 9. Additional Homework: Starting on Page 461, Questions 1-10; Page 474, Questions 1-10; Page 487, Questions 1-10.
Class 6 07/13/11 NO CLASS 07/06/11	Review NEC Chapters 5, 6, 7, 8, 9. Take Quiz 5.	Review NEC Article 220. Read Unit 9, Dwelling Unit Calculations; Unit 10, Multi-family Dwelling Load Calculations; Unit 11, Commercial Calculations. Additional Homework: Unit 9, Starting on page 274, Questions: 5, 9, 15, 32, 33, 35, 50, and 55. Unit 10, page 303, Questions: 1, 5, 7, 11, 13, 23, 24, 25, and 34.
Class 7 07/20/11	Review Quiz 5. Review Units 9, 10 on Residential Load Calculations. Take Quiz 6.	Read Unit 11, Commercial Calculations. Additional Homework: Unit 11, page 333, Questions 1, 3, 5, and 8.
Class 8 07/27/11	Review Quiz 6. Review Unit 11 on Commercial Load Calculations. Take Quiz 7. Review Quiz 7.	Prepare for Practice Exam
Class 9 08/03/11	Take Practice Exam	Study for State Exam (All go to Wausau) Exam Times: 8:00am—12:00pm
Class 10 08/10/11	Review Practice Exam	
Class 11 08/17/11	Take State Exam	(All go to Wausau) Exam Times: 8:00am—12:00pm

Course Description: This is a review course. Students will review basic electrical principals. The students will review basic code requirements drawn from the 2008 National Electrical Code. The emphasis will be on using Comm 16 and the 2008 National Electric Code to solve exam-type questions. The course content will concentrate on Chapters 1-4 of the NEC.. **It will include finding the key word in the NEC and choice if applicable.**

Objectives: The student will develop the critical thinking skills needed to pass a certification exam.

Prerequisite: Three or more years of electrical construction experience

Required Texts:

- NEC Exam Preparation, 2008 Edition, Mike Holt, ISBN 978-1-932685-36-7* (you must bring)
- 2008 National Electric Code (you must bring)
- COMM 16, effective date 3/1/09 (provided first day of class)

Recommended Text: *Ferm's Fast Finder Index (order through local bookstores or through IAEI, 1.800.786.4234) Calculations and Exam Questions and Answers, Tom Henry ISBN 0945495-62-5*

Additional Materials Required for Each Class:

1. Three-ring binder with notepaper
2. Silent, non-programmable calculator
3. Pencils

Core Abilities: The core abilities are skills that allow students to continually adapt and learn. You may not be tested for all of the core abilities directly, but you will demonstrate or apply them to complete lessons or to improve skills.

This list contains examples of the Core Abilities with an example of the method that you will practice the ability in this class.

Communicate Effectively by:

- *Listening actively to others. The Code will often be discussed in class.
- *Derive meaning from the text. You will often read a Code section and then explain the section in your own words.
- *Communicating in a bias free manner. You will often participate in activities such as in-class workshops.
- *Support viewpoints with evidence. You will need to provide code references to back up your answer.

\$295 per attendee

This program consists of 11 classes with the final day being the State Credential Exam.

Indicate your attending location

Northcentral Technical College

Wausau, Room 1004 **Antigo, Room T115**

Wittenberg, Room W120 **Medford, Room M123**

Phillips, Room P137 **Spencer, Room S101**

Fiscal Code: 7634

**Send Registration and
Check to:**

**Electrical Exam Prep
PO Box 2658
Madison, WI 53701**

Attendee:

Name _____

Address _____

City, State ZIP _____

Email _____

Phone Number _____

REGISTRATION
Due May 20 2011
No Refunds
No Registration at Door

Register early.
Wednesdays
8:30 am-1:30 am
Jun 01--Aug 17, 2011