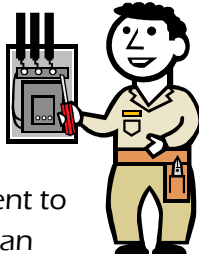


## WISCONSIN ACT 63

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 an electrical contractor. There currently is 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.

For information on requirements to take the exam, see Comm 5 at

<http://www.legis.state.wi.us/rsb/code/comm/comm005.html>

and

<http://commerce.wi.gov/SB/SB-ElectricalAndLightingSystemsProgram.html>

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 presenting through Northcentral Technical College to provide this course through interactive television at multiple sites. Attending a video distance learning site will be the same as the site with the instructor. You will have complete audio and video communication with the instructor. This will greatly reduce travel to attend.

### Instructor

#### CONTACT INFORMATION:

Thomas J. Garvey

State of Wisconsin

PO Box 070018

Milwaukee, WI 53207-0018

Email address: [tom.garvey@wisconsin.gov](mailto:tom.garvey@wisconsin.gov)

Phone: 414.852.3696



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WISCONSIN DEPARTMENT OF  
COMMERCE- SAFETY & BUILDINGS



## ELECTRICAL EXAM PREP TRAINING

*Protecting People,  
Property and Business*



[commerce.wi.gov](http://commerce.wi.gov)

Weekly course every Tuesday, starting May 19  
and runs to July 14, 2009.

9:00am to 12:00pm

<http://www.commerce.wi.gov/SB/>

# REGISTRATION

Due May 8, 2009

No Registration at Door

Attendee:

Name

Email

Address

Phone Number

Date of Birth

**\$275 per attendee**

This is an 8-week course brought to you by program officials to aid in code understanding and prepare you for the various electrical exams administered.

Northcentral Technical College

This is required for Tech College education credit.

Wausau, Health Sciences Auditorium

Wittenberg, Room W117  Phillips, Room P106

Antigo, Room T116  Medford, Room M113

Indicate your attending location

# COURSE CURRICULUM

Date	Class Work	Homework for Next Class
Class 1 May 19	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 to be determined.
Class 2 May 26	Review Quiz 0. Review Unit 1, 2, 3. Take Quiz 1	Review NEC Table of Contents and Articles 110, 300. Read Unit 5, Raceway and Box Calculations. Additional Homework to be determined.
Class 3 June 2	Review Quiz 1. Review Unit 5 and Unit 7. Take Quiz 2.	Review NEC Index and Articles 230 and 250. Read Unit 6, Conductor Sizing and Protection Calculations. Additional Homework to be determined.
Class 4 June 9	Review Quiz 2. Review Unit 6. Take Quiz 3.	Review NEC 450 and 240. Read Units 4 and 7, Motors and Transformers. Additional Homework to be determined.
Class 5 June 16	Review Quiz 3. Review Units 4 and 7. Take Quiz 4.	Review NEC Chapters 5, 6, 7, 8, 9. Additional Homework to be determined.
Class 6 June 23	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 to be determined.
Class 7 June 30	Review Quiz 5. Review Units 9, 10, and 11 on load calculations. Take Quiz 6. Review Quiz 6.	Prepare for Practice Test
Class 8 July 14**	Take Practice Test	Study for State Exam

**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.

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

**Target Audience:** Those having 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.

\*\*July 7 the Campus is closed

Register early.

Tuesdays from 9:00am to 12:00pm

May 19 to July 14

Send Registration and Check to:

Electrical Exam Prep  
PO Box 2658  
Madison, WI 53701