

Electrical Newsletter

November-December

2012

NC IAEI CONTINUING EDUCATION WORKSHOPS

Upcoming Seminars:

One Day Continuing Education Class

December 11, 2012
Wayne Community College
Continuing Education Office Building
Walnut Room 104
3000 Wayne Memorial Drive
Goldsboro, NC 27534
Phone: (919) 735-5151

December 18, 2012
Randolph Community College
Auditorium Building
629 Industrial Park Avenue
Asheboro, NC 27205
Phone: 336-633-0224

January 10, 2013
Martin Community College
Building I Room 14
1161 Kehukee Park Road
Williamston, NC 27892
Phone: 252-792-1521

January 24, 2013
Public Safety Training Facility
1510 North Church Street
Greensboro, NC 27405
Phone: (336) 373-2449

North Carolina, Energy Conservation Code 2012

505.1 General (Mandatory Requirements). This section covers lighting system controls, the connection of ballasts, the maximum lighting power for interior applications, and minimum acceptable lighting equipment for exterior applications. **Exception:** Lighting within dwelling units where 75 percent or more of the permanently installed interior light fixtures are fitted with high-efficacy lamps.

505.2 Lighting controls (Mandatory Requirements). Lighting systems shall be provided with controls as required in Sections 505.2.1, 505.2.2, 505.2.3, and 505.2.4.



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505.2.1 Interior lighting controls. Each area enclosed by walls or floor-to-ceiling partitions shall have at least one manual control for the lighting serving that area. The required controls shall be located within the area served by the controls or be a remote switch that identifies the lights served and indicates their status. **Exceptions:**

1. Areas designated as security or emergency areas that must be continuously lighted.
2. Lighting in stairways or corridors that are elements of the means of egress.

505.2.2 Additional controls. Each area that is required to have a manual control shall have additional controls that meet the requirements of Sections 505.2.2.1 and 505.2.2.2.

If you have an area that requires one manual control, unless it is in an Exception area you will need additional control devices. Such as Occupancy sensor, or dual switching