

# CLASSROOM CAPACITY

PEC Committee

November 18, 2015

# CLASSROOM CAPACITY CALCULATIONS

## ▶ Classroom Types

- ▶ Assembly: 50 and over
- ▶ Educational: under 50

# CLASSROOM CAPACITY CALCULATIONS

## Chapter 10 1004.1

### ▶ Current

### Sq. Ft. per Occupant

- ▶ Assembly: 7 to 15 asf
- ▶ Educational: 20 asf

# CLASSROOM CAPACITY CALCULATIONS

## Chapter 10 1004.1

### ▶ Prior to 1990's

### Sq. Ft. per Occupant

- ▶ Assembly: 7 to 15 asf
- ▶ Educational: 15 asf

# CLASSROOM CAPACITY CALCULATIONS ASF PER OCCUPANT ROOMS LESS THAN 50

▶ AUP 21.0	CHM 19.3
▶ BOL 20.0	CRT 19.4
▶ CUN 22.6	EMS 16.8
▶ ENG 20.7	END 18.2
▶ HON 32.6	HLT 17.2
▶ KEN 21.8	LAP 16.4
▶ NWQ 22.1	MER 16.8
▶	PHY 16.9

# UWM Facilities Architect

## Rick Suminski

- ▶ Mediating a room has been recognized as a level 1 alteration according to the 2009 IEBC which is the building code currently in effect by the State of Wisconsin. Level 1 alterations do not trigger automatic compliance with new code requirements.
- ▶ Actually Wisconsin still uses the 2009 IEBC because the next newer three-year model standards, for 2012, were never adopted in Wisconsin, nor the even more recent 2015 standards have not been adopted in Wisconsin.

## ▶ Increased Occupant Load

- ▶ The occupant load permitted in any building, or portion thereof, is permitted to be increased from that number established for the occupancies in Table 1004.1.1, provided that all other requirements of the code are also met based on such modified number and the occupant load does not exceed one occupant per 7 square feet (0.65 m<sup>2</sup>) of occupiable floor space.

## Chapter 10 1004.2

# ▶ Code Interpretation:

- ▶ IBC 1004.2 does allow increased occupant load assuming all other requirements of the code are met.

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