

ADVANCED ENERGY CODE

2010 FLORIDA BUILDING CODE-ENERGY CONSERVATION

COURSE TIMELINE

PROVIDER# 0003374

FLORIDA AIR CONDITIONING APPRENTICESHIP ASSOCIATION

ADDRESS-

4420 GEORGIA AVE
WEST PALM BEACH, FLORIDA
33405
PHONE- 1(561)202-7302

COURSE #-

COURSE TITLE: ADVANCED ENERGY CODE “2010 FLORIDA BUILDING CODE- ENERGY CONSERVATION”

COURSE COMPILED BY PATRICK S. MESMER

CEU CREDIT HOURS- 1

COURSE TIMELINE-

PART #1- BASICS	TIME- 3.3 MINUTES
• Brief overview of changes and requirements	
• Discussion	
PART #2- CODE FORMAT	TIME- 3.3 MINUTES
• Code structure	
PART #3- RESIDENTIAL- COMMERCIAL	TIME- 3.3 MINUTES
• Differences and Similarities	
• Discussion	
PART #4- PRESCRIPTIVE VS. PERFORMANCE	TIME- 3.3 MINUTES
• Differences and Similarities	
• Discussion	
PART #5- EQUIPMENT SIZING AND REPLACEMENT	TIME- 10 MINUTES
CODE REFERENCES-	
1. B-1.2	
2. 101.4.10	
3. 102.1	
4. 101.4.7.1.2	
5. 403.6.1	

6. 403.6.1.1
7. 101.4.7.1.1

Required Methods

- Acceptable Procedures- Manual “S” of the Environmental Library
- Discussion

PART #6- DUCT SIZING TIME-3.3 MINUTES
CODE REFERENCE- 403.2.5
1. Acceptable Methods
2. Manual “D” of the Environmental Library

PART #7- WINDOWS TIME- 3.3 MINUTES
CODE REFERENCE- 402.1.1

PART #8- CLIMATE ZONES TIME- 3.3 MINUTES
CODE REFERENCE- 301.1

PART #9- DUCT SEALING REQUIREMENTS- REQUIRED TESTS TIME- 7 MINUTES
CODE REFERENCES

1. 402.4.2.1
2. 402.4.2.2
3. 403.2.4
4. Duct testing Methods
5. Who can do it?
6. Discussion

PART #10- THERMOSTATS TIME- 3.3 MINUTES
CODE REFERENCE- 403.1.1

PART #11-REFRIGERATION- NOT PART OF ENERGY CODE BUT IMPORTANT TIME- 3.3 MINUTES
CODE REFERENCE-1101.10, 403.2.4
LOCKING ACCESS CAPS, FLOAT SWITCH WARNING

PART #12- NEW CONSTRUCTION DUCT TESTING TIME-6.3 MINUTES
CODE REFERENCE

1. 403.2.2.1 SECTION #1
2. 403.2.2.1 SECTION #2
3. TABLE 503.2.7.2
4. 405.2
5. 403.2.2
6. TABLE 503.2.7.1

PART #13- COMMERCIAL ENERGY EFFICIENCY TIME- 3.3 MINUTES
CODE REFERENCES

1. 501.1

2. 503.2.5.1
3. 503.2.6
4. 503.2.3

PART #14- LIGHTING
CODE REFERENCES

TIME- 3.3 MINUTES

1. 505.1
2. 505.2.3

TOTAL- 60 MINUTES

THE END