



06a Prep Course Syllabus

Description: This 06a Prep class is designed for the Technician and Administrator to pass the Washington State Limited Energy test. This course is not approved for continuing education credit.

NOTE: Each attendee MUST bring two books to the class: **2011 NEC Code Book** (ISBN 978-087765914-3) and **The Uglier Electrical References Book** (ISBN 978-0-7637-7126-3). We highly recommend that you purchase them from Platt Electric, although other retailers such as Amazon.com also carry the books.

Tuition: Includes registration, course materials, lunch, and snacks. To qualify for the Early Bird special tuition of \$165, you must register on or before the date listed on the calendar. Normal tuition is \$195.

Content:

Morning Session: WAC/ RCW & Electrical Theory

- Washington Administrative Code
- WAC 296-46B
- RCW 19.28
- Electron Theory
- Ohms Law
- Series circuits
- Parallel circuits
- Motor Theory
- Controls
- Schematics

Afternoon Session: NEC Code Book & Uglier Electrical Book

- Intro to the NEC
- ART 100 Definitions
- ART 110 Req.
- ART 200 Wiring
- ART 240 Over Current
- ART250 G & B
- ART 300 Wiring
- ART 430 Motors
- ART 440 A/C & R
- ART 725 Class 2
- Uglier Electrical
- Practice Exams

To register for this course, visit HBTI's website www.hvacinstitute.com or call the office at (253) 638-7797.