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Construction Electrician Apprenticeship Program

Course Curriculum

Semester 01 (Tuition: \$330)

Course #	Course Title	Credits
50-413-521	Construction Electrician I	2

Credits: 2 Lecture Hours: 72

Students practice basic and electrical safety, choose and properly utilize hand and power tools of the trade, and begin to use the National Electric Code and basic math. Note: Students must be indentured in the Construction Electrician Apprenticeship Program.

2

Semester 02 (Tuition: \$330)

Course #	Course Title	Credits
50-413-522	Construction Electrician II	2

Credits: 2 Lecture Hours: 72

Students apply basic electrical theory and test equipment, look up and apply the National Electric Code covering devices of the trade beginning with commercial and residential wiring. Note: Students must be indentured in the Construction Electrician Apprenticeship Program.

2

Semester 03 (Tuition: \$330)

Course #	Course Title	Credits
50-413-523	Construction Electrician III	2

Credits: 2 Lecture Hours: 72

Students apply electrical AC theory while using DC-AC motors to explore grounding, conduit bending, boxes and fitting. Note: Students must be indentured in the Construction Electrician Apprenticeship Program.

2

Semester 04 (Tuition: \$330)

Course #	Course Title	Credits
50-413-524	Construction Electrician IV	2

Credits: 2 Lecture Hours: 72

Students examine conductor installation, cable traps, conductor termination and splices to be used in the installation of electrical services, circuit breakers and fuses, motor control devices, and electric lighting. Note: Students must be indentured in the Construction Electrician Apprenticeship Program.

2

Semester 05 (Tuition: \$330)

Course #	Course Title	Credits
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