

Palomar College Catalog 2009-2010

Electrician Trainee (ELTR)

Contact Occupational & Noncredit Programs for further information.
(760) 744-1150, ext. 2284
Office: AA-138

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Electrician Trainee

PROGRAM OF STUDY

Electrician Trainee

The Electrician Trainee program prepares the student in the elements of electrical inside construction in compliance with the requirements of State of California for non-certificated electricians. Upon completion of the program, the student is eligible to take the California State Electricians Certification exam.

CERTIFICATE OF ACHIEVEMENT*

Program Requirements	Units
ELTR 101 Introduction to the Electrical Trade and Industry and Construction Safety	3.5
ELTR 102 Introduction to Electrical Theory, Basic Algebra Concepts, and the National Electric Code	3.5
ELTR 103 Advanced DC Circuit Concepts, Introduction to 3Ø Circuits, and National Electric Code Applications	3.5
ELTR 104 AC Circuit Concepts, Applied Electronics, and National Electric Code Applications	3.5
ELTR 105 Digital Logic Circuits, Conductor Characteristics and Applications, and National Electric Code	3.5
ELTR 106 Overcurrent Protection, Lighting Systems, Basic Blueprints and Specifications, and National Electric Code	3.5
ELTR 107 Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code	3.5
ELTR 108 Motor Control Principles, Generators and Power Supplies, and National Electric Code	3.5
ELTR 109 Transformer Theory, Leadership and Management, and Test Equipment	3.5
ELTR 110 Specialty Systems	3.5
TOTAL UNITS	35

* Electrician Trainee Certificate of Achievement pending approval by the California Community Colleges System Office at the time of catalog publication.