



MASTER COURSE OUTLINE

Prepared By: Bill Autry

Date: April 2014

COURSE TITLE

National Electric Code II

GENERAL COURSE INFORMATION

Dept.: IST

Course Num: 111

(Formerly:)

CIP Code: 46.0302

Intent Code: 21

Program Code: 784

Credits: 2

Total Contact Hrs Per Qtr.: 22

Lecture Hrs: 22

Lab Hrs:

Other Hrs:

Distribution Designation:

COURSE DESCRIPTION (as it will appear in the catalog)

The course relates the application of the Washington State electrical laws (WAC codes) and the National Electric Code as they pertain to the working electrical technician.

PREREQUISITES

IST 110 or Instructor Permission

TEXTBOOK GUIDELINES

Appropriate textbook as determined by faculty (Example: *National Electrical Codebook*, NFPA 70).

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills.

1. The student will be able to apply National Electric Code requirements to wiring techniques while trouble-shooting and maintaining electrical equipment and installations.
2. The student will be able to apply Washington Administrative Code requirements to wiring techniques while trouble-shooting and maintaining electrical equipment and installations.
3. The Student will be able to demonstrate an awareness of legal liabilities and ramifications involved in the installation of electrical apparatus

INSTITUTIONAL OUTCOMES

COURSE CONTENT OUTLINE

National Electric Code Articles 250 through 499, including Chapter 9 and annexes

Washington State WAC 296-46B

Washington State RCW 19.28

DEPARTMENTAL GUIDELINES (optional)

DIVISION CHAIR APPROVAL

DATE