



MASTER COURSE OUTLINE

Prepared By: Bill Autry

Date: April 2014

COURSE TITLE

National Electric Code I

GENERAL COURSE INFORMATION

Dept.: IST

Course Num: 110

(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)

An introduction to Washington State electrical law and the National Electric Code as they pertain to the working electrical technician.

PREREQUISITES

IST 107 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. Students will be able to clearly relate the intent and demonstrate the application of NEC requirements.
2. Students will apply National Electric Code requirements to wiring techniques while trouble-shooting and maintaining electrical equipment and installations.

INSTITUTIONAL OUTCOMES

COURSE CONTENT OUTLINE

National Electric Code Articles 90 through 310, including Chapter 9 and annexes.

DEPARTMENTAL GUIDELINES (optional)

DIVISION CHAIR APPROVAL

DATE