NHTI Concord’s Community College

Computer Engineering Technology Program

Student Outcomes

Learned capabilities the students are expected to know, and be able to do, following graduation:

a. Proficiency in multiple programming environments and multiple programming languages using object oriented and procedural programming techniques to create and debug sophisticated software applications for different operating systems and runtime frameworks.

b. The ability to apply practical knowledge of math and physics to electric circuits and data communications.

c. The ability to read a schematic, setup and use measurement equipment, accurately measure a waveform and compare measured results of a waveform with theoretical results calculated from a schematic.

d. Demonstration of discipline specific project management and teamwork skills.

e. The ability to critically analyze problem statements, decompose a problem into sub problems, and develop appropriate solutions.

f. The ability to produce written documents and deliver professional presentations.

g. Demonstrates initiative in developing solutions to computer engineering technology problems using documentation and research.

h. Knowledge of social, technical and professional ethics required in a professional environment, including a respect for diversity.

i. Committed to participating in a professional work environment, to producing work that meets industry standard specifications, and to learning skills necessary to complete assignments.