

CTI 110 Web, Programming, and Database Foundation

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course covers the introduction of the tools and resources available to students in programming, mark-up language and services on the Internet. Topics include standard mark-up language Internet services, creating web pages, and database services.

Hours Credit, 3.

LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Apply basic principles of programming logic.
2. Create a simple website with mark-up tools.
3. Create a simple database table.

OUTLINE OF INSTRUCTION:

- I. Web Page Design
 - A. HTML Basics
 - i. Creating links in HTML
 - ii. Bulleted Lists
 - iii. Formatting Text
 - iv. Adding Images
 - v.
 - i. CSS Layout and Design
 - ii. CSS Grid
- II. Programming with Python
 - A. Introduction to Python
 - i. Working with the Python Interactive Shell
 - ii. Writing and Running Simple Python Scripts
 - iii.

