WEB PROGRAMMING II — ISTC 2110

A. Course Description

- Credits: 3.00
- Lecture Hours/Week: 2.00
- Lab Hours/Week: 1.00
- OJT Hours/Week: 0
- Prerequisites:
  - ISTC 1510: Web Programming I
- Corequisites: None
- MnTC Goals: None

This course covers skills used to create dynamic web applications with focus on server-side technologies. Students will learn how to use server-side programming languages to access SQL databases to create dynamic and persistent web applications. Prerequisite: ISTC1510 Web Programming I

B. Course Effective Dates: 1/12/15 – Present

C. Outline of Major Content Areas

- As noted on course syllabus

D. Learning Outcomes

1. Apply standard programming constructs (variable /control flow / looping / classes / etc ) to server-side programming.
2. Describe 3-tier architecture and the differences between the presentation, application and data tier.
3. Develop server-side applications that interact with a database.
4. Differentiate between server-side programming and client-side programming.
5. Understand the HTTP and HTTPS protocols and how to use them to receive data using forms and URLs.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

- As noted on course syllabus

G. Special Information