

CSIS 1570 - Web Systems and Technologies

Fall 2026 Syllabus, Section 01, CRN 43389,

Credit hours: 3

Instructor

Rachel Gramann

Email: regramann@ysu.edu

Public Instructor Information

Instructor Title: Dr. Rachel Gramann

Instructor Professional Qualifications:

- DBA - Capella University (2022)
- MBA - Capella University (2018)
- BS Computer Science - Carroll University (2007)

Instructor Office Location: <https://ysu.webex.com/ysu/j.php?MTID=m19be15b48ec755a05b3b04b5a68c5243>

Instructor Office Phone: 262-909-2572

Instructor Email: regramann@ysu.edu

Course Description

1570. Web Systems and Technologies. This course will cover the basics of web-based applications including related software, interfaces and digital media. Foundations of web-site development including design, implementation, and integration of web-site, multimedia integration, and security and accessibility issues. Prereq.: CSIS 1590 with a grade of C or better. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Fundamentals of Web Development	Randy Connolly, Ricardo Hoar	9780136792857

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
10/19	Chapter 1 Chapter 2 Chapter 3	Introduction to Web Development & HTML	Discussion Quiz Assignment
10/26	Chapter 4 Chapter 5	CSS, Tables & Forms	Discussion Quiz Assignment
11/2	Chapter 6 Chapter 7	Media & Layout	Discussion Quiz Assignment
11/9	Chapter 8 Chapter 9	Javascript 1	Discussion Quiz Assignment
11/16	Chapter 10 Chapter 11	More on Javascript 2	Discussion Quiz Assignment

11/23	Chapter 12 Chapter 13	Server-Side	Discussion Quiz Assignment
11/30	Chapter 14 Chapter 15 Chapter 16	Databases, State & Security	Discussion Quiz Final Project

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.