

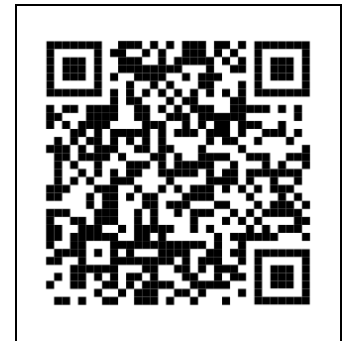
STUDENT INFORMATION SHEET

CPSC:307, INTERNET SYSTEMS PROGRAMMING, FALL 2026

Course Information

- **Days/Times/Place:**

CPSC 307 010	MW 10:45 AM – 12:00 N	BCAS 144
CPSC 307 020	MW 2:00 – 3:15 PM	Kolbe 213
- **Web page :** <https://timoneilu.github.io/teaching/cs307/>
Consult the “Info Sheet” link there for content regarding diversity, the ethical use of AI tools, accessibility, Title IX and sexual harassment and violence.
- **Prerequisites:** One of
 - CPSC 210 (Computer Science II) or equivalent with grades of C- or better; or
 - Permission.



Course Description

Course Rationale :

Web development and digital design remains one of the most in-demand and sought-after careers in today's IT job market, requiring a mix of creative and technical skills. This course provides a comprehensive introduction to web development, emphasizing building of web sites and applications that run on the Internet.

Learning Objectives :

- To design simple web applications that users interact with and implement them using client- and server-side scripting languages.
- To articulate reasonable client-server solutions for certain web applications.
- To demonstrate the project management and technical skills required of web developers.
- To exhibit the ability to teach and learn from others.

Course Personnel

Instructor : Dr. Tim O'Neil
Contact Info : *Office :* BCAS 233 *Phone :* (330) 972 – 6492 *E-mail :* toneil@uakron.edu
Office Hours : MW 115 – 145 and 330 – 400 in BCAS 233; TR 600 – 645 in Polsky 203; and by appointment.

Course Outline

Textbook : zyBooks, *Web Programming with zyLabs* (2026).

Topics :

Protocols and Standards: Hypertext Transfer Protocol (HTTP)

Markup Languages: Hypertext Markup Language (HTML) and Extensible HTML (XHTML), Cascading Style Sheets (CSS)

Client-side Technologies: JavaScript and DOM

Server-side Technologies: The LAMP Stack (Linux, Apache, MySQL, PHP)

Course Grading

Items :

27%	Midterm exam in-class (tentatively Wednesday October 7 in class)
35%	Final exam (Wednesday December 9, either 12:15 PM or 2:30 PM)
31%	Homework, Quizzes and Labs
7%	Attendance and Class Participation

Approximate Scale :

A 90 – 100, B 80 – 89, C 70 – 79, D 60 – 69. Plus/minus grades assigned at my discretion.

Other Class Policies, Fall Semester 2026

Registration/Drop/Withdrawal

- Students whose names do not appear on the university's official class list by **Sunday August 30** will not be permitted to participate (attend class, take exams or receive credit).
- Students may drop a course online (without my signature) through **Sunday September 6**. Courses dropped by this date will not appear on a student's transcript.
- Students may withdraw from a course online (without my signature) through **Sunday October 11**. A "WD" will appear on the student's transcript.

Scholastic Honesty and Professional Integrity

- All work turned in for grade is to be exclusively the work of the student(s) whose name(s) appear(s) on the work. Incidents of academic dishonesty (such as cheating or plagiarism) will be handled in accordance with university policy by the Office of Student Conduct. In particular, the use of sources other than the textbook without citation, including other books, AI tools like ChatGPT and the World Wide Web, will be viewed as plagiarism. (If you're unsure of what constitutes plagiarism, consult the links on my home page.)
- Some of the materials in this course are possibly copyrighted. They are intended for use only by students registered and enrolled in this course and only for instructional activities associated with and for the duration of this course. They may not be retained in another medium or disseminated further. They are provided in compliance with the provisions of the TEACH Act (2002).

In-Class Conduct During Lectures

- Students are expected to attend all class meetings prepared (i.e. carrying the textbook, note paper, writing instruments, etc.) and participate. You may fail this course purely for repeated absences (BOT Rule 3359-20-05D).
- All cell phones, etc., are to be turned off or switched to manner mode during class. Portable computers will be permitted until this privilege is abused.

In-Class Quizzes and Exams

- Written resources (i.e. textbook and printed notes) may be used during in-class quizzes; *electronic ones may not*. In-class quizzes may not be made up if absent, late or unprepared.
- On the other hand, the use of electronic devices is forbidden during in-class exams. Food and drink are also banned.
- Students who leave the room during an exam, or who use electronic devices during an exam, may not continue working on that exam.
- Make-up exams will be given only under extraordinary circumstances. Arrangements should be made prior to the exam and proof furnished.

Homework and Programming Assignments

- There will be no extra credit assignment or do-overs so don't even ask.
- Homework assignments and projects are to be submitted electronically in the manner specified in class. Submissions to my personal e-mail account will be ignored.
- Late assignments will be accepted but penalized according to the following scale: 10% penalty for one calendar day late, 25% for 2, 50% for 3, 75% for 4, and 100% (i.e. no credit) for 5 calendar days (i.e. one week) late. An exception will be made only for medical emergencies.
- All programming assignments must be completed within 10 calendar days of the original due dates to be eligible for a passing grade.
- All programming assignments will be graded according to how well they execute on the computers in CAS 241 or 254, or on the specified remote server. It is your responsibility to check your work on our equipment prior to submission.
- All class assignments must be submitted by 5:00 PM on **Friday December 4**. Nothing will be accepted after this time.
- Students have one week from the return of a graded assignment (quiz, exam, homework or programming assignment) to seek corrections from me regarding grading; after that no changes will be made to scores.

DISCLAIMER: Save for changes that substantially affect implementation of the evaluation (grading) statement, this document is a guide for the course and is subject to change with advance notice.