



# WEB TECHNOLOGIES AND APPLICATIONS

Summer 2022 Section 01 & W01

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## Meeting Times

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Section W01: For students enrolled in the W01 section, this course is delivered fully online asynchronously.  
Section 01: For students enrolled in the 01 section, the class will meet weekly at 5PM in J260.

## Contact Information

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**Name:** Dr. Zhigang Li

**Preferred Method of Contact:** D2L Email

**Email:** [zli8@kennesaw.edu](mailto:zli8@kennesaw.edu) \* Please use this for emergency only

**Phone:** 470-578-4481

**Office Location:** J-378A

**Office Hours:** Please free feel to join me for office hours both virtually on Zoom and in-person on Wednesdays 2pm-4pm. You may also reach out to me for an appointment.

**Zoom Link for Office Hours:**

<https://kennesaw-edu.zoom.us/j/84577241816>

Meeting ID: 845 7724 1816

Passcode: **Summer2022**

### Email and Classroom Response Time:

Please contact me using **D2L Email** for all course-related questions. I will check my D2L Email at least once a day, not including weekends or holidays. During the week, I generally respond to emails within 24 hours. Over the weekend (starting Friday at 4 p.m.) I will respond to emails the next following business day.

## Description

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This course introduces the World Wide Web as a fundamental information and application platform for today's information systems. Students will examine core aspects of web technologies and web applications and will develop usable websites. Independent research on an assigned topic is also required.

This course is part of the MSIT foundation courses that aim to provide a quick coverage of fundamental IT knowledge that is needed for later MSIT studies.

### Prerequisites

IT5413 Software Design and Development

## Objectives

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Students who complete this course successfully will be able to:

1. Explain different components and technologies of the World Wide Web as a platform.
2. Design and develop websites using fundamental web languages, technologies, and tools.
3. Distinguish between server-side and client-side web technologies.
4. Describe various web technology and application development issues and trends.
5. Conduct independent research on a subject related to the course material.

## Materials/Textbooks

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### Course Website

D2L Brightspace: <https://kennesaw.view.usg.edu>

- It's important to know how to use this learning management system for: following learning modules, submitting assignments, checking grades and feedback, downloading files, participating discussion boards, etc.
- Please check the course site regularly for important announcements and other issues.

### Learning Materials

- Required textbook: none. We are happy to offer this course using No-Cost-To-Students Learning Materials, developed under the support from a grant by Affordable Learning Georgia.
- Required readings (from different sources) will be assigned in each learning module.
- Recommended general learning resources:
  - <https://www.w3schools.com>
  - <https://developer.mozilla.org>
  - <https://www.codecademy.com>
  - <http://www.w3resource.com>
  - <http://html.net>

### Required Software/Hardware

- Code editor and browser: I recommend VS Code <https://code.visualstudio.com> or Notepad++: <http://notepad-plus-plus.org/>
- Web hosting/server: Microsoft Azure/IIS <https://azure.microsoft.com> (basic tier free subscription)
- Other software: software that can open Word, PowerPoint, Excel, PDF, and ZIP files.

## Evaluation

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Category	Points
Quizzes (5)	50
Projects/Assignments (3)	30
Research	20
<b>Total</b>	<b>100</b>

**Grade Conversion:** A: (90-100), B: (80-89), C: (70-79), D: (60-69), F: (0-59)

### Announcement

Important announcements will be made to the class electronically through the D2L Announcements tool. It is important that you check your D2L account regularly for announcements, assignments, and course updates.

### Assignments, Quizzes, & Exams Policy

- All assignments MUST be submitted through D2L (<https://kennesaw.view.usg.edu/>) by the deadline. Email submissions are **NOT** accepted. Any assignment that is less than 24 hours late is subject to 10% penalty. Any assignment that is more than 24 hours late will **NOT** be accepted.
- All quizzes and/or exams MUST be completed on D2L website by the deadline. The quizzes and/or exams can't be opened/submitted after the deadline.
- If you must miss an exam due to illness, you must e-mail or call the instructor before the scheduled time. Failure to notify the instructor prior the scheduled time will produce an automatic zero for the exam. NO makeup test except for emergencies with proof (e.g. doctor's slip).

### Discussions

People learn through interactions, to facilitate interactive learning this course will use the Discussions feature in D2L. Discussions will take place in an **asynchronous** manner. Discussions are not graded in this course.

### Grading

Grades will be posted in D2L, generally within one week from the due date or submission date whichever is later. Significant assignments such as projects may take longer to grade. If you think there is an error, please make a re-grading request by e-mail within one week of grade posting. A request for reassessment will not be granted if more than two weeks have passed since the grade in question was posted. Check your grades in D2L regularly.

**No "extra credit"** work will be given to improve one's grade. Copies of your classwork and test will be kept for record.

### Assignment Submission Guidelines

All work turned in for this class must meet the style and submission guidelines

[http://ksuweb.kennesaw.edu/~speltsve/files/style\\_and\\_submission\\_guide\\_d2l.pdf](http://ksuweb.kennesaw.edu/~speltsve/files/style_and_submission_guide_d2l.pdf) Work that does not meet the submission criteria will not be graded. A scoring rubric will be provided for each assignment.

### Institutional Policies

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- [Federal, BOR, & KSU Course Syllabus Policies](#)
- [Academic Integrity Statement](#)
  - Examples of violations of academic integrity: 1) copy from others or from the Internet; 2) allow others to copy your work; 3) use others' help or help others in completing the quizzes or exams.
  - In the first violation of academic integrity, the student will immediately receive 0 for the associated grading item. For the 2nd violation, the student will receive a fail grade for this course.

## Additional Items

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### Minimum Technology Requirements

- This class uses D2L as a hosting site. Run a system check to ensure your computer works with D2L. Check out UITS D2L training: <http://uits.kennesaw.edu/support/d2ltraining.php>
- Internet Connection. A high-speed Internet connection such as DSL or cable Internet access is highly recommended. You can also computer labs on campus to complete the coursework.

### Minimum Technical Skills Required

Students entering this course are expected to have the following technical skills:

- General computer literacy. Students should be proficient with the basic functions of standard software packages (e.g., MS Word, Excel, PowerPoint, and Adobe Reader) and standard players (e.g., QuickTime, Windows Media Player). A list of primers on many of these technologies is available at [https://apps.kennesaw.edu/portal/prod/app\\_uni\\_cdoc\\_publ/documents/](https://apps.kennesaw.edu/portal/prod/app_uni_cdoc_publ/documents/)
- A working knowledge of the D2L learning management system is required for participation in online courses.

### Important Dates

- First Day of Classes: June 1 (W)
- Last Day to Withdraw: June 29 (W)
- Last Day of Classes: July 27 (W)