



Syllabus

Overview of CS101: Introduction to Computers

For students with no prior experience with computers or programming. Organization and function of computer systems; application of computers in today's society; Introduction to algorithms, basics of HTML and the Internet. Topical introductions to popular programming languages.

Instructor

asheehan@bu.edu

Office hours are by appointment.

Classroom Location

Due to the Coronavirus (Covid-19), we will only be allowed to meet online this summer.

Required eBooks

- *Introduction to Computers*, Kindle Edition, published September 24, 2018 ASIN: 'B07HNMVN2S'. Authors: Darrell Hajek, Casar Herrera

<https://amzn.to/2HaSkYv>

Course Policies

- Homework and discussions will not be accepted after the due date.

Grading Policies

- Homework: 25%
- Midterm Examination: 25%
- Quizzes: 25%
- Final Examination: 25%

Schedule

Week	Topics	Readings
1	<ul style="list-style-type: none"> • Introduction • Evolution of Computers • Computer Types • Operating Systems 	<ul style="list-style-type: none"> • Chapter 1
2	<ul style="list-style-type: none"> • Software and Computers • Computer Components • Software Piracy • Inputs to a Computer System 	<ul style="list-style-type: none"> • Chapters 2, 3 and 4
3	Midterm Examination and Research Papers	
4	<ul style="list-style-type: none"> • Data • Introduction to HTML and the Web • Computer Networks • Application Programming with Java 	<ul style="list-style-type: none"> • Chapters 5, 6, 7, 8
5	<ul style="list-style-type: none"> • What is PHP and the Web • Web Technologies: Databases 	<ul style="list-style-type: none"> • Chapter 8

	<ul style="list-style-type: none">• The Dynamic Internet: Introduction to HTML with JavaScript	
6	Course Review and Final Examination	