

Full Stack Developer

FSD-10

Foundations of Web Development

420-WA5-AB

May 16, 2023

Agenda – Class 1

Agenda:

1. About Me and You
2. Using Teams
3. Course Outline
4. Group work in the Meeting Rooms
5. Concepts – Class 1 Activity
6. Using Lea, Using Moodle, Using the Library
7. Homework, Exit Quiz

About Me and You

❖ Cathy Dutton
contact by MIO or
cdutton@johnabbott.qc.ca



About Me and You

❖ About You

<https://b.socrative.com/login/student/>

Room name: 6118

Your name: Lastname, firstname



Student Login

Room Name

6118

JOIN

6118

Enter your name

Lastname, Firstname

DONE

6118



You've completed the current activity.
Waiting for the next activity to begin...

About Me and You

- ❖ Ways to Communicate during the course
 - ❖ MIO
 - ❖ The Tech Support channel
 - ❖ The Student Lounge (with classmates)
 - ❖ Class Forum on Lea



Using Teams

- ❖ Raise your hand
- ❖ Lower your hand
- ❖ Unmute your mic
- ❖ Mute your mic
- ❖ View participants
- ❖ View the chat
- ❖ The tabs (Files)
- ❖ The channels – starting a meeting in a workroom



Using Teams

- ❖ Any questions? Are you able to help out?
The Tech Support channel



- ❖ Want to see classmates before or after class?
The Student Lounge channel

Course Outline

- ❖ Course Outline
 - ❖ Lea - Course Documents
 - ❖ Teams - Files



Course Outline

Full-Stack Developer – LEA.BN

A. General Information

Course title	Foundations of Web Development
Course number	420-WA5-AB
Hours	75
Ponderation <i>Ratio of lecture, practical and homework hours</i>	2-3-3
Credits	2.67
Competency statement(s) and code(s)	DC79 - Use productivity tools for web design and software development
Prerequisite (s)	None

Group Work

- ❖ Lea Course Document
 - ❖ Acronyms (in your meeting room, without Google help) X, X+21, X+42
- ❖ On Teams
 - ❖ Meeting Room groups in teams of 4
 - ❖ Introduce yourself first, then ask a classmate for information on one of your acronyms

1. RAM	33. AWS
2. ROM	34. DBMS
3. CPU	35. SSD
4. MB	36. SaaS
5. GB	37. GHz
6. TB	38. GUID
7. PB	39. C2C
8. LAN	40. B2B
9. LCD	41. IoT
10. UX	42.aaS
11. UI	43. UPS
12. IT	44. BPS
13. MIS	45. USB
14. GUI	46. FTP
15. BIT	47. CSS
16. BCC	48. VPN
17. EDI	49. ASCII
18. ISP	50. VOIP
19. CMS	51. O365
20. URI	52. FAQ
21. SEO	53. MFA
22. HTML	54. DNS
23. HTTPS	55. GPS
24. BYOD	56. NIC
25. URL	57. W3C
26. NMS	58. PaaS
27. HDD	59. VM

Location	Teams of 3			Teams of 4				Teams of 5						
Meeting Room 01	1	8	15	1	2	3	4	4	8	9	13	17	21	
Meeting Room 02	2	9	16	5	6	7	8	3	7	10	14	18		
Meeting Room 03	3	10	17	9	10	11	12	2	6	11	15	19		
Meeting Room 04	4	11	18	13	14	15	16	1	5	12	16	20		
Meeting Room 05	5	12	19	17	18	19	20	21						
Meeting Room 06	6	13	20											
Meeting Room 07	7	14	21											

Starts the meeting in the Meeting Room

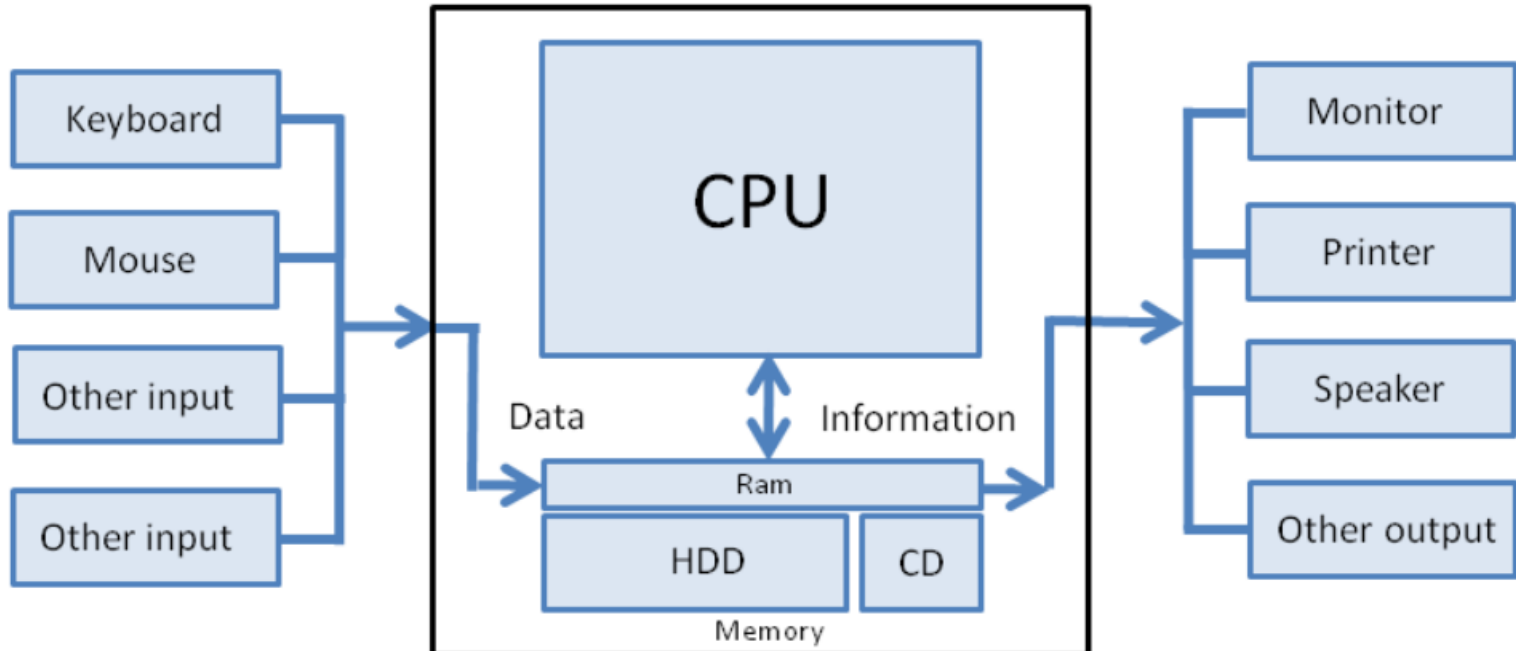
For example: In teams of 4, students 9, 10, 11, and 12 will meet in Meeting Room 03. Student 12 will start the meeting.

Concepts

1. Evolution of computer hardware and software

Classroom activity on Teams – Files

2. Understanding the parts: input, process, output, storage Difference between memory, storage, cloud storage



Concepts – Class 1 Activity

❖ Create a Word Document named MyAcronyms

1. Place your name at the top of the document
2. List your acronym (x) and what the acronym stands for
3. Paste a small picture using the Snipping Tool (as shown in class)
4. Paste a short explanation of the acronym
5. Paste the url of the website used
6. Save your file

Your Name goes here

60. WAP

Wireless Access Point



What is an Access Point?

An access point is a device that creates a wireless local area network, or WLAN, usually in an office or large building. An access point connects to a wired router, switch, or hub via an Ethernet cable, and projects a Wi-Fi signal to a designated area. For example, if you want to enable Wi-Fi access in your company's reception area but don't have a router within range, you can install an access point near the front desk and run an Ethernet cable through the ceiling back to the server room.

<https://www.linksys.com/us/r/resource-center/what-is-a-wifi-access-point/>

Using Lea to Submit Work

- ❖ Submit your MyAcronyms document with your first acronym X on Lea
 - Assignments
 - Class 1 Activity



Using Moodle

❖ Navigate to Moodle from Omnivox



❖ Enter your attendance in Moodle for Class 1

❖ Enter your first acronym as a glossary item



Using Moodle to Submit Work

❖ Submit your MyAcronyms document with your first acronym X on Moodle

- Assignments
- Class 1 Activity



Using the John Abbott Library

❖ Visit the John Abbott College Library online



PROGRAMS

THE COLLEGE

SERVICES TO STUDENTS

SERVICES TO STUDENTS

Library 

Academic Advising

❖ Search for the textbook on HTML:

Larsen, Rob. ***Beginning HTML & CSS***. Indianapolis, Ind, Wiley, 2013. E-Book QA76.76.H94

A screenshot of the John Abbott Library Media Services search page. The header is blue with the college logo and "Library Media Services" text. Below the header, there are tabs for "Search" and "Equipment". The search area includes a table with columns: "Location" (dropdown menu set to "All"), "Media Format" (checkboxes for "All", "Book", and "eBook", with "eBook" selected), "Field" (dropdown menu set to "Anywhere"), and "Search Terms" (text input with "HTML" and a search button). A blue banner at the bottom says "Enter a search above for books, e-books or films".

Read Chapter 1 pages 1-8
and Chapter 3 page 56 only.



Using the John Abbott Library

- ❖ Search for a book with Practical Web Design in the title:
- ❖ Philippe Hong. (2018). *Practical Web Design : Learn the Fundamentals of Web Design with HTML5, CSS3, Bootstrap, JQuery, and Vue.js*. Packt Publishing

Read Chapter 3 pages 57-63 only.



Homework

- ❖ Update your MyAcronyms document to have your 3 acronyms (X, X+21, X+42) – keep the maximum size to 2 acronyms per page.
- ❖ Re-Submit your file on Lea and Moodle – Assignments – Class 1 Activity
- ❖ Add your additional acronyms to the Class Glossary on Moodle
- ❖ Visit the John Abbott Library online – find the textbook: Larsen, Rob. **Beginning HTML & CSS**. Indianapolis, Ind, Wiley, 2013. E-Book QA76.76.H94
Read Chapter 1 pages 1-8
and Chapter 3 page 56 only.



Exploring HTML (optional)

❖ Visit w3schools html introduction

https://www.w3schools.com/html/html_intro.asp

Use the Next button or the sidebar to navigate
the html pages.

Take a look at any of these pages



HTML Introduction

HTML Editors

HTML Basic

HTML Elements

HTML Attributes

HTML Headings

HTML Paragraphs

HTML Introduction

< Previous

Next >

Exit Quiz

❖ Exit Quiz

<https://b.socrative.com/login/student/>

Room name 6118

Question 3: Who did you meet in class today?

3 of 3

Please answer the teacher's question.

Enter Answer Here

SUBMIT ANSWER