

# Capital University of Economics and Business

## Overseas Chinese College

### Course Syllabus

<b><u>Year and Semester</u></b>	2019 Fall (September 2, 2019 - December 27, 2019)
<b><u>Course Name</u></b>	Web Design and Programming
<b><u>Course Code</u></b>	MIS324
<b><u>Course Type</u></b>	<input type="checkbox"/> General Education (Required) <input type="checkbox"/> General Education (Elective) <input type="checkbox"/> Professional Course (Required) <input checked="" type="checkbox"/> Professional Course (Elective) <input type="checkbox"/> Basic Disciplinary Course
<b><u>Course Credits</u></b>	3
<b><u>Course Hours</u></b>	48
<b><u>Prerequisites</u></b>	MIS111 Introduction to computer Technology
<b><u>Instructor</u></b>	Xin Zhang (Helen Zhang)
<b><u>Contact Information</u></b>	Office: C217 Tele: (010)83951082 Email: zhangxin@cueb.edu.cn
<b><u>Office Hour</u></b>	T: 15:30—16:30;    W: 10:00—11:00;    W: 2:00—5:00; F: 9:00—10:00
<b><u>Learning Centre</u></b>	W: 18:00—20:00;    TH: 10:00—12:00
<b><u>Grade/Section</u></b>	2017IT/Y01
<b><u>Course Time/Place</u></b>	T: 13:30—15:20 / B312; TH: 9:00—9:50 / B312

#### **Textbook**

Jon Duckett. *Beginning HTML, XHTML, CSS, and JavaScript*. Wiley Publishing, Inc. Edition Press, IN, ISBN 978-0-470-54070-1.

#### **Course Description**

This course introduces the basic concepts of the WWW, and the principles and tools that are used to develop Web applications. It also provides an overview of Internet technology and Web protocols, client side and server side programming, communication and design. The main technologies covered are HTML, XHTML, CSS, JavaScript, PHP and SQL which are enough to work on some real web projects.

#### **Student Learning Objectives**

After completing this course, students will be able to:

- ♦ Skilling: use HTML, CSS, JavaScript, PHP and SQL language to build Website, and understand the Internet technology and Web protocols principles
- ♦ Enabling Knowledge: gain skills as you apply knowledge effectively
- ♦ Problem Solving: capability to analyze problems and synthesize suitable solutions will be extended. Can design and implement Website that accommodate specified requirements and constraints
- ♦ Communication: communicate effectively with a variety of audiences, and design the HCI Website

### Website Source

1. <https://www.w3school.com.cn/>

### Teaching Methods

This course contains lectures, class discussions, homework, quizzes, presentation and exams. Textbook content will be introduced first. Then real case and practice questions will be delivered to students as a way to test their understanding of the knowledge. This will require individual or group assignment in or after class.

### Grade Criterion

Component	Weight	Description
Final Exam	20%	A cumulative final examination will be given based on all of the contents of the class. The exam paper may be composed of multiple-choice questions, short answer questions, essay questions. Students should rely primarily on homework assignments and class exercise as reference for exams.
Mid-Term Test	20%	A cumulative midterm test will be given based on all of the contents that have been taught in class. The test paper may be mainly composed of multiple-choice questions and short answer questions. It should be completed within 50 minutes in class.
Homework	15%	The assigned homework is taken from Projects. Assignments will be collected at the clearly stated date. Late assignments will not be accepted. In general, each assignment should be prepared in Office software as appropriate. The graded assignments will be kept by instructor for reference and won't be returned to students.
Quizzes	15%	There will be at least 2 quizzes during the semester. Quizzes may or may not be announced in advance. It may also be used as a way to check the attendance. Quizzes will test your knowledge of both concepts and the application of those concepts.
Presentation	10%	The students will be divided into several groups to prepare a presentation. Each student is required to be involved in the presentation. Each member of the group will receive the group grade with certain weight of his/her contribution. The topics can be selected from the textbook or lectures. Each group need to finish a PPT or report related to the topic which is given and hand in the related resources to the teacher before the presentation.
Participation	10%	Individuals will be asked to participate individually in a question and answer at least 5 times during the semester. The performances should be counted in their participation.
Attendance	10%	Refer to attendance policy listed below
<b>Total</b>	<b>100%</b>	

### Detailed Grade Computation

	Before Midterm	After Midterm
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Attendance	5%	5%
Participation	5%	5%
Homework	5%	10%
Quizzes	5%	10%
Presentation		10%
Midterm test	20%	
Final exam		20%
Total	40%	60%

### **Grading Policy**

A+ 97-100	A 93-96	A- 90-92	B+ 87-89	B 83-86	B- 80-82
C+ 75-79	C 70-74	C- 67-69	D+ 63-66	D 62-60	F 0-59

### **Exam Schedule**

Midterm Test: October 28 – November 1, 2019;

Final Exam: January 1 - 10, 2020

### **Assessment of Student Performance**

#### ***☛ Self-Study and Reading ability Practice***

Instructor will give out the chapters or the reference books to read and use class hours to have discussion; students should be able to show a proactive attitude and ability for self-study and reading. Knowledge and oral English will be elements of homework or presentation score.

#### ***☛ Homework***

Students should finish their homework by themselves. Copying from others will be treated as cheating and the homework scores will be lowered. Students should hand in all assignments on time. Late assignments will be accepted at the discretion of the instructor (i.e., when the student was ill or had an excused absence). Late assignments without reasonable proof will be reduced in score by 50%.

#### ***☛ Attendance***

Because the course covers a great deal of material, attending every class session is very important for performing well.

- ♦ Being late for 15 minutes or more is considered an absence.
- ♦ Five hours or above of unexcused absences will result in the lower level of the final grade by one grade band (e.g. from C – to D +). Any excused absence must be discussed directly with the teacher.
- ♦ Absence which is more than 1/3 of the total teaching hours will cause an F (a failing grade) directly. but students are welcome to continue attending classes.
- ♦ An incomplete grade (I) will be considered in case of medical or family emergencies.

#### ***☛ Participation***

- ♦ Students should participate in classes actively. Half of participation grade is determined by their presentation in class. They are encouraged to ask questions relevant to the subject and express their own opinions. Every student should respect the ideas, opinions, and questions of their classmates.
- ♦ Students should also use office hours to ask questions or talk with the instructor for good communication and effective learning.

- ♦ Frequent visiting the instructor and chatting in English during office hours is highly recommended.
- ♦ Any misbehavior and non-class related activities in class will result in the lower level of the participation grade, including ringing cell phones.
- ♦ All above behaviors will be solely evaluated by the instructor for scoring.

### *☞ Textbook*

Students must bring the textbook to class.

### **Topical Course Outline**

Week	Date	Topics	Homework
1	Sep. 3	<ul style="list-style-type: none"> <li>● Syllabus</li> <li>● Chapter 1 Structuring Documents for the Web               <ul style="list-style-type: none"> <li>• Introducing HTML and XHTML</li> <li>• Basic Text Formatting &amp; Elements</li> </ul> </li> </ul>	Assignment Start
	Sep. 5	<ul style="list-style-type: none"> <li>● Chapter 1 Structuring Documents for the Web               <ul style="list-style-type: none"> <li>• List &amp; Text &amp; Attributes</li> </ul> </li> </ul>	—
2	Sep. 10	<ul style="list-style-type: none"> <li>● Chapter 2 Links and Navigation               <ul style="list-style-type: none"> <li>• URLs</li> </ul> </li> </ul>	Assignment check requirement report
	Sep. 12	<ul style="list-style-type: none"> <li>● Chapter 2 Links and Navigation               <ul style="list-style-type: none"> <li>• Links</li> </ul> </li> </ul>	—
3	Sep. 17	<ul style="list-style-type: none"> <li>● Chapter 3 Images, Audio, and Video               <ul style="list-style-type: none"> <li>• Image &lt;img&gt; element</li> <li>• Image link &amp; map &amp; format</li> </ul> </li> </ul>	Assignment check requirement report
	Sep. 19	<ul style="list-style-type: none"> <li>● Chapter 3 Images, Audio, and Video               <ul style="list-style-type: none"> <li>• Adding flash, video, and audio</li> </ul> </li> </ul>	—
4	Sep. 24	<ul style="list-style-type: none"> <li>● Chapter 4 Tables               <ul style="list-style-type: none"> <li>• Element &amp; Attributes</li> <li>• Group sections of table</li> </ul> </li> </ul>	Assignment check requirement report
	Sep. 26	<ul style="list-style-type: none"> <li>● Chapter 4 Tables               <ul style="list-style-type: none"> <li>• Nested table and Accessible table</li> </ul> </li> </ul>	—
5	Oct. 1-3	● National Day	—
6	Oct. 8	<ul style="list-style-type: none"> <li>● Chapter 5 Forms               <ul style="list-style-type: none"> <li>• &lt;form&gt; element</li> <li>• Form Controls</li> </ul> </li> </ul>	Assignment check Web structure design
	Oct. 10	<ul style="list-style-type: none"> <li>● Chapter 6 Frames               <ul style="list-style-type: none"> <li>• &lt;frameset&gt; &amp; &lt;frame&gt; Element</li> </ul> </li> </ul>	—
7	Oct. 15	<ul style="list-style-type: none"> <li>● Chapter 7 CSS               <ul style="list-style-type: none"> <li>• CSS rules &amp; Properties</li> <li>• Controlling Text &amp; Text Formatting &amp; Selector &amp; Length &amp; Box Model</li> </ul> </li> </ul>	Assignment check Web structure design
	Oct. 17	<ul style="list-style-type: none"> <li>● Chapter 8 CSS               <ul style="list-style-type: none"> <li>• Background &amp; List &amp; Tables &amp; Outlines</li> </ul> </li> </ul>	—
8	Oct. 22	<ul style="list-style-type: none"> <li>● <u>Quiz</u></li> <li>● Chapter 9 Page Layout               <ul style="list-style-type: none"> <li>• Page size &amp; Design pages</li> </ul> </li> </ul>	Assignment check Web structure design

		* Chapter 10 Design Issues * Typography & Navigation & Tables & Forms	
	Oct. 24	● Chapter 11 JavaScript • DOM • Variables & Operators & Functions	—
9	Oct. 29	● Chapter 11 JavaScript • Condition & Loop • Events & Objects	Assignment score
	Oct. 31	● <b>Midterm Test</b>	—
10	Nov. 5	● Chapter 12 JavaScript • Form Validation & Form Enhancements • JavaScript Libraries	—
	Nov. 7	● Chapter 13 PHP • Setup WampServer On PC • Introduce PHP	—
11	Nov. 12	● Chapter 13 PHP • Practice PHP (\$_POST, \$_GET, \$_REQUEST) • Create & display cookie's details	—
	Nov. 14	● Chapter 13 PHP • File read and write	—
12	Nov. 19	● Chapter 14 PHP with SQL • Create database & Create Table & Insert record	—
	Nov. 21	● Chapter 14 PHP with SQL • List record & Order by & Where	—
13	Nov. 26	● Chapter 14 PHP with SQL • Edit & Delete data • Register & Login case	—
	Nov. 28	● Chapter 14 PHP with SQL • Upload pic	—
14	Dec. 3	● Chapter 14 PHP with SQL • Update & Edit & Delete & View pic	—
	Dec. 5	● <b>Quiz</b>	—
15	Dec. 10	Presentation 1,2	—
	Dec. 12	Presentation 3	—
16	Dec. 17	Presentation 4,5	—
	Dec. 19	Presentation 6	—
17	Dec. 24	Final Review	—
	Dec. 26	Final Review	—
18	Jan. 1-10	Final Exam	

*Note: Some chapters or sections may leave for self-study, this is the students' duty to learn and understand, they may also be included in the quizzes or exams (Mark with \*).*

*A review in Chinese may be held during L.C. and O.H. in the semester.*

### **Teacher's Office Hour**

- ◆ The instructor's office hour is shown in the front of the office door.
- ◆ Students are suggested to use the instructor's office hour and learning center to ask questions or talk with the instructor once at least per week for good communication and effective learning, which is recorded in the students' participation.

- ♦ The time can be scheduled by instructors or students, or both.

### **Cheating and Plagiarism**

Cheating is not tolerated. Any student caught cheating on a quiz; test or exam will be given a mark of zero (0) for the particular work. At the beginning of the semester the definition of plagiarism will be carefully explained, when any thoughts or writings of another person are used, they must be clearly identified (usually one uses quotation marks) and the source notes. **If any student is caught cheating on any homework assignment, the highest score the student can earn in that course is a "C".**

### **Important Dates**

<b>Fall Semester, 2019</b>	<b>August30, 2019—January 10, 20</b>
Aug.30	Registration
Sep.2	Classes Begin
Sep.6	Last Day to Drop or Add a Course
Sep.7 - 20	Freshmen's Military Training
Sep.13	Mid-Autumn Festival (tentative)
Sep.23	Classes Begin (Freshmen)
Oct.1 - 7	National Day Holiday (tentative)
Oct.28 - Nov.1	Midterm Test
Jan.1, 2020	New Year's Day Holiday (tentative)
Jan.1-10	Final Exam Period
Jan.13	Winter Vacation Begins

*Note: This syllabus is tentative and may be changed or modified throughout the semester. All students will be notified and a new syllabus will be given.*

**Instructor:**   Xin Zhang        **Department Head:**   Jingning Li  

