

Capital University of Economics and Business

Overseas Chinese College

Course Syllabus

Year and Semester	2024 Spring					
Course Name	Web Design and Programming					
Course Code	MIS205					
Course Type	<input type="checkbox"/> General Education (Required)		<input type="checkbox"/> General Education (Elective)		<input checked="" type="checkbox"/> Professional Course (Required)	
	<input type="checkbox"/> Basic Disciplinary Course		<input checked="" type="checkbox"/> Professional Course (Elective)		<input type="checkbox"/> Professional Course (Expanded)	
	<input type="checkbox"/> Professional Course (Advanced)					
Course Credits	4					
Course Hours	Total Class Hours	64	Lecture Hours	64	Experiment (Computer) Hours	0
Applicable object	<input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input checked="" type="checkbox"/> Junior <input type="checkbox"/> Senior <input type="checkbox"/> Information Management and Information Systems (Finance)					
Prerequisites						
Instructor	Xin Zhang					
Contact Information	Office: C217					
	Tele: (010)83951082					
	Email: zhangxin@cueb.edu.cn					
Office Hour	M: 11:30—12:20; T: 13:30—15:05; TH: 11:30—12:20; F: 8:00—9:35					
Learning Centre	TH: 9:55—11:30; M: 18:00—20:00 (online)					
Grade/Section	2022IT&CFA					
Course Time/Place	2022IT T: 15:25—17:00; TH: 8:00—9:35 / B308 2022CFA M: 9:55—10:30; W: 9:55—10:30 / B208					
Textbook	Jon Duckett. Beginning HTML, XHTML, CSS, and JavaScript. Wiley Publishing, Inc. Edition Press, IN, ISBN 978-0-470-54070-1					

Reference Book

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.

This course is a basic course in web design and development that teaches you how to implement a web site using a programming language. We used HTML, CSS, and JavaScript as the programming language for the front-end page, PHP as the language of the server side, and connected to the SQL database. After learning, you can design a variety of websites according to the needs of users.

Student Learning Objectives

On successful completion of this exam, candidates should be able to:

Knowledge	<ul style="list-style-type: none"> ◆ The language of website development, and the framework structure of the front page and background database of the website. ◆ Installation and use of website development software. ◆ Editing and modification of web development languages. ◆ Identify the advantages and disadvantages of the website.
Capability	<ul style="list-style-type: none"> ◆ Describe the architecture of website, as well as the features and functionality of various programming languages, such as HTML, PHP, SQL. ◆ Analyze the architecture, content, and advantages and disadvantages of the Well-known websites. ◆ Develop a complete website by using the HTML, CSS, JavaScript, PHP and SQL programming language according to the user's needs. ◆ Present the final result of the website
Mindset	<ul style="list-style-type: none"> ◆ Understand the importance and necessity of teamwork. ◆ Demonstrate Students' pride in their country and nation. ◆ Realize the loyal purpose of serving the people ◆ Apply logic and critical thinking in the process of decision making.

Website Source

<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 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 final examination will be given based on all 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.
Homework	10%	Most of the assigned homework is taken from the Exercises in the textbook. Assignments will be collected at the clearly stated date. Late assignments will not be accepted. In general, each assignment should be complete in appropriate software and submit by Xuexitong(学习通) App. The graded will be published on the app.
Quizzes	10%	There will be at least 14 quizzes during the semester. It may also be used to check the attendance. Quizzes will test your theoretical knowledge and

		application ability.
Presentation	20%	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 Overseas Chinese College – Course Syllabus Page 3 of 6 contribution. Each group need to finish a code or report of the project, 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 question and answer at least 10 times during the semester. The performances should be counted in their participation
Attendance	10%	Refer to attendance policy listed below
Total	100%	

Detailed Grade Computation

	Before Midterm	After Midterm
Attendance	5%	5%
Participation	5%	5%
Homework	5%	5%
Quizzes	5%	5%
Presentation		20%
Mid-Term Test	20%	
Final exam		20%
Total	40%	60%

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 (original)

Week	Topics	Platform	Homework
1	<ul style="list-style-type: none"> ● Syllabus ● Chapter 1 Structuring Documents for the Web <ul style="list-style-type: none"> • Introducing HTML and XHTML • Basic Text Formatting & Elements • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 1 Structuring Documents for the Web <ul style="list-style-type: none"> • Basic Text Formatting & Elements • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 1 Structuring Documents for the Web <ul style="list-style-type: none"> • List & Text & Comments • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> • Assignment Start Design 	Classroom & Chaoxing	Website Design
2	<ul style="list-style-type: none"> ● Chapter 2 Links and Navigation <ul style="list-style-type: none"> • Links to E-mail • Links to other pages • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 2 Links and Navigation <ul style="list-style-type: none"> • Links to other pages • Links with anchor • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 2 Links and Navigation <ul style="list-style-type: none"> • Links with anchor • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 3 Images, Audio, and Video <ul style="list-style-type: none"> • Image element • Exercise & Quiz 	Classroom & Chaoxing	

3	<ul style="list-style-type: none"> ● Chapter 3 Images, Audio, and Video <ul style="list-style-type: none"> • Adding flash, video, and audio • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 4 Tables <ul style="list-style-type: none"> • Table Element & Attributes • Group sections of table • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 4 Tables <ul style="list-style-type: none"> • Group sections of table • Nested table • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 4 Tables <ul style="list-style-type: none"> • Nested table • Exercise & Quiz 	Classroom & Chaoxing	
4	<ul style="list-style-type: none"> ● Chapter 5 Forms <ul style="list-style-type: none"> • Form Controls • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 5 Forms <ul style="list-style-type: none"> • Form Controls • Labelling and Organizing Forms • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 5 Forms <ul style="list-style-type: none"> • Labelling and Organizing Forms • POST & GET • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 6 Frames <ul style="list-style-type: none"> • Frameset • Frame link • Exercise & Quiz 	Classroom & Chaoxing	
5	<ul style="list-style-type: none"> ● Chapter 6 Frames <ul style="list-style-type: none"> • Nest frame • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 6 Frames <ul style="list-style-type: none"> • Nest frame • iframe • Exercise & Quiz 	Classroom & Chaoxing	HTML Part
	<ul style="list-style-type: none"> ● Chapter 11 JavaScript <ul style="list-style-type: none"> • DOM • Add JavaScript • JavaScript Function • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 11 JavaScript <ul style="list-style-type: none"> • JavaScript Function • Exercise & Quiz 	Classroom & Chaoxing	
6	<ul style="list-style-type: none"> ● Chapter 12 Working with JavaScript <ul style="list-style-type: none"> • Form Validation • Exercise & Quiz 	Classroom & Chaoxing	

	<ul style="list-style-type: none"> ● Chapter 12 Working with JavaScript <ul style="list-style-type: none"> • Form Enhancements • JavaScript Libraries • Exercise & Quiz 	Classroom & Chaoxing	JS Part
	<ul style="list-style-type: none"> ● Qing Ming Festival 	Classroom & Chaoxing	
7	<ul style="list-style-type: none"> ● Midterm Test 	Classroom & Chaoxing	Demo Website
8	<ul style="list-style-type: none"> ● Chapter 7&8 CSS <ul style="list-style-type: none"> • Add CSS • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 7&8 CSS <ul style="list-style-type: none"> • CSS Example more • Q&A 	Classroom & Chaoxing	CSS part
	<ul style="list-style-type: none"> ● Chapter 13 PHP <ul style="list-style-type: none"> • PHP Environment • PHP Syntactic Rule • Simple PHP • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 13 PHP <ul style="list-style-type: none"> • Simple PHP • Exercise & Quiz 	Classroom & Chaoxing	
9	<ul style="list-style-type: none"> ● Chapter 13 PHP <ul style="list-style-type: none"> • Simple PHP • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP Validation • Q&A 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Connect & Create • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Connect & Create • Exercise & Quiz 	Classroom & Chaoxing	Validation part
10	<ul style="list-style-type: none"> ● Labor Day 		
11	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Connect & Create • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Insert • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Insert • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Select & Where & Order By • Exercise & Quiz 	Classroom & Chaoxing	Database part
12	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Select & Where & Order By • Exercise & Quiz 	Classroom & Chaoxing	
	<ul style="list-style-type: none"> ● Chapter 14 PHP and SQL <ul style="list-style-type: none"> • PHP and MySQL Update 	Classroom & Chaoxing	

	• Exercise & Quiz		
	● Chapter 14 PHP and SQL • PHP and MySQL Update • Exercise & Quiz	Classroom & Chaoxing	
	● Chapter 14 PHP and SQL • PHP and MySQL Delete • Exercise & Quiz	Classroom & Chaoxing	
13	● Chapter 14 PHP and SQL • PHP and MySQL Delete • Exercise & Quiz	Classroom & Chaoxing	
	● Example	Classroom & Chaoxing	
	● Consultation	Classroom & Chaoxing	
	● Consultation	Classroom & Chaoxing	
14	Presentation	Classroom & Chaoxing	Whole Website
15	Presentation /Final Review	Classroom & Chaoxing	
16	Final Review	Classroom & Chaoxing	

Note: In the first three weeks, Tencent Meeting, Mosoteach and the Wechat group will be used as the main teaching methods. The Wechat group will be mainly used to inform the students daily study activities and tasks. Tencent Meeting and Mosoteach will be used as the main study platform to teach and organize the study activities. When classes change back to school, Tencent Meeting will be stopped to use. Mosoteach will be mainly used to upload PPTS and release some learning materials.

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. 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

Midterm Test	Week 9 or 10
Final Exam	Week 17 or 20 (Refer to the notice of the Academic Affairs Office)

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

