Extended Syllabus

(2019 winter semester)

Course Title	Intro to Web Development	**Course Number**	AAT 3007
Credit	3	**Enrollment Eligibility**	2^{nd} – 4^{th} grades students who are beginners on Client side programming (HTML CSS, Javasript)
Class Time	Mon -Fri. 13:00~15:45	**Classroom**	Not assigned yet

Instructor's Photo	**Name: Yongsoon Choi**	**Homepage: web.yongsoon.me**
	E-mail: yongsoon@sogang.ac.kr	**Telephone:** 02 **3274 4893 (not preferred)**
	Office: X409 **Office Hours: 09 ~ 18 (Mon. ~ Fri.)**	

Ⅰ. Course Overview

1. Description
The web is getting important beyond just web pages as the main frames for diverse display based media including PC, TV, mobile, digital signage, etc. You will learn about the basic web programming and train how to apply it into developing your homepage or other purpose sites (e.g. notification board for the faculty or etc) as the final project. You will mainly learn about how you can handle the html5, css3 and Javascript that are essential language for the web development projects.
2. Prerequisites
1, You can use MAC pc in Art & Technology computer room for the class, if you prefer. Of course you can use your own laptop. 2, In this course, you can learn the basic skills of HTML5 + CSS3 + Javascript to design your own web site.

3, **The online class from https://www.coursera.org will be worked together.** You sometimes need to take the online study before the class.

4, The small assignments, quizzes and mid-term & final-term examinations can be executed according to prospective students' levels.

5, For the fairness of diverse backgrounds student, this class will evaluate "Design" + "Contents" + Programming+ "Interface/interaction" for the final project. (The detail of evaluation criteria of the final project can be changed according to the prospective students' levels. The detail will be announced before the final-term evaluation.

3. Course Format (%)

Lecture	Discussion	Experiment/Practicum	Field study	Presentations	Other
30%	%	40%	%	30%	%

4. Evaluation (%)

mid-term Exam	Final exam	Quizzes	Presentations	Projects	Assignments	Participation	Other
10%	10%	%	%	40%	20%	20%	%

Ⅱ. Course Objectives

The goal of this course is learning basic level of web programming in a semester. In this semester you can practice current web programing trends. This course will mainly focus on the FRONT-END (client side) programming such as HTML5, CSS3, and JavaScript.

You will also train the basic controls of web server and name server settings for integrating with your own domain.

Ⅲ. Course Format

(* In detail)

The Web design class is consisted of
1) Lecture-based teaching web programming and examples through presentation (40%),
2) Practices and feedbacks (40%).
3) Online mooc class (20%)

All students are needed to make own project to develop the web site (your home page, portfolio, resource managing site, notification board, TV signage for AD, mobile web, IP TV contents, etc) for the final project

Questions and discussions are always encouraged in the classes.

Ⅳ. Course Requirements and Grading Criteria

1) Participation – Class attendance (20%)
2) Participation – assignments (on-line mooc class) (20%)
3) Examinations – mid-term & final-term (20%)
4) Personal project- project site + presentation (40%)

Ⅴ. Course Policies

1) All students need to join the class site for sharing information of the attendance checking, assignments, networks, communication, and scheduling.

2) It needs Google account to join and all students are needed to submit your basic information through the site

3) It also needs to join Google + account (after log in google mail, then you can find the google + menu from the first top menu in the black bar) to join the class site

4) All details on these information will be announced in the first class

Ⅵ. Materials and References

Main materials Jon Duckett, HTML3 + CSS3, Wiley Jon Duckett, Javascript & Jquery, Wiley References 고경희, *"HTML5+ CSS3 웹 표준의 정석 Do it,"* 이지스퍼블리싱, 2013 (For Korean students) David Karlins , *"HTML5 and CSS3 For Dummies",* For Dummies, 2014 There are many web sites explains about Html5 & CSS3 (It is free !)

Ⅶ. Course Schedule

(* Subject to change)

Week 1	**Learning Objectives**	Orientation - Understanding the purpose of the class
	Topics	Preparations and Motivation on the course
	Class Work (Methods)	Preparation and orientation of the course What we will learn and execute in this semester Why we need to learn web programming What will you learn in this semester?
	Materials (Required Readings)	N/A
	Assignments	Survey and registration on Google + class site
Week 2	**Learning Objectives**	Orientation and Motivation on the course
	Topics	Preparation and orientation of the course What we will learn and execute in this semester Why we need to learn web programming What will you learn in this semester?
	Class Work (Methods)	Lectures

	Materials (Required Readings)	N/A
	Assignments	Survey and registration on Google + class site
	Learning Objectives	Understanding html
Week 3	**Topics**	Installation web editor tool and basic html structure Practice basic html tags
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 4	**Learning Objectives**	Understanding html5 and Semantic tags
	Topics	Html5 Layout tag using html5
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 5	**Learning Objectives**	Text & hyperlinks
	Topics	Tags for text expressions Tags for list
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 6	**Learning Objectives**	Handling Multimedia data in the web
	Topics	Image tags

		Video and sound Embedding linked multimedia contents
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Presentation on your projects (what do you want to develop for web site?)
Week 7	**Learning Objectives**	Mid-term examination
	Topics	
	Class Work (Methods)	examination
	Materials (Required Readings)	N/A
	Assignments	N/A
Week 8	**Learning Objectives**	Form tags
	Topics	Learning input form tags Displaying transferred data
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 9	**Learning Objectives**	CSS3
	Topics	Basic of CSS Style priority & selector & class & style property
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)

	Assignments	Will announce it later
Week 10	**Learning Objectives**	CSS3
	Topics	Text fonts & text styles & list Color & background style
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 11	**Learning Objectives**	CSS3
	Topics	Layout (box) & outline & position & table design
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 12	**Learning Objectives**	Javascript
	Topics	Introduction of Javascript
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 13	**Learning Objectives**	Javascript
	Topics	Basic of Javascript

	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	
	Assignments	Will announce it later
Week 14	**Learning Objectives**	Javascript
	Topics	Decision& looping & data handling
	Class Work (Methods)	Lectures + Practice
	Materials (Required Readings)	(text book + references)
	Assignments	Will announce it later
Week 15	**Learning Objectives**	Final-term examination
	Topics	
	Class Work (Methods)	Examination
	Materials (Required Readings)	N/A
	Assignments	N/A
Week 16	**Learning Objectives**	Final presentation
	Topics	Presentation + web site project
	Class Work (Methods)	Presentation
	Materials (Required Readings)	N/A
	Assignments	N/A

Ⅷ. Special Accommodations

This course is only for the beginners of web programming. The students who had the experiences on web programming before are not recommended to take this course

It needs self-motivation and you should individually practice html5 + CSS3 + Javascript.

It can be partly revised later according to students' levels, progress and schedules.

IX. Aid for the Challenged Students

N/A