

Syllabus [2025Year 2 Term]

Course Information

Course Title	Internet Programming	Credits	3
Course Code	389720-1	Required/Elective (For Undergraduate Courses)	Selective majors
Department or Major	Department of Mobile Systems Engineering	Language	English
Methods of Teaching		Lecture Room	화1,2,3/ 목10,11,12(국제210)
Time Allotment	Lecture(3) Experiments(0) Trainging & Practice(0) Performance(0) Designing & Planning(0)	Cyber Lectures	
Course Type	offline		
Cyber Lectures Preview			

Lecturer

Lecturer	Name	Yoo, Seehwan	Rank	Associate Professor	Final Academic Degree	이학박사
	Department & college	Organization for SW-Centric University		Office	International Hall 615	
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	Field of Interest					

Course Summary

Course Description	Modern web programming is supporting various applications. In addition, it includes conventional web browsing as well as information exchange between computers. In order to understand the various web programming frames, in this course, we are learning fundamental HTML techniques and basic content composition skills. Moreover, in order to deliver dynamic content, we are using JSP so that in the course necessary skills would be lectured and practiced.
Description Related Courses	
Course Goals	Fundamental webpages can be composed and additional dynamicity to the pages can be supported by the learned knowledge. In addition, the necessary tools and environment would be studied.

Projected Results	The fundamental web pages can be composed, and the techniques for dynamic content will be acquired.
Percentage of the original language classes(%)	100
Cyber Lectures Preview	

Syllabus

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
1	1. Web programming introduction		강의, 이러닝, 플립러닝, Lecture and Practice	
2	2. HTML 5: basic document composition		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
3	3. HTML 5: structured documents and web form utilization		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
4	4. CSS3: basics and utilization		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
5	5. CSS3: advanced techniques		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
6	6. Javascript: Programming Language		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
7	7. Javascript: Core Object and Array		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
8	Midterm Test		이러닝, Midterm Test	Practice and Composition
9	8. Javascript: DOM, Document Object		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
10	9. Javascript: Event Handling		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
11	10. Javascript: Window, Browser Object		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
12	11. HTML 5: Drawing		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition
13	12. Javascript: Cookie, Web Storage		강의, 이러닝, 플립러닝, Lecture and Practice	Practice and Composition

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
14	13. Team Project Presentation and Evaluation		강의, 이러닝, 플립 러닝, Lecture and Practice	Practice and Composition
15	Final Test		이러닝, Final Test	Final Test

Methods of Grading

sequence	Description	Percentage	Details
1	Mid-tem Exam	40%	중간고사는 필기시험으로 실시한다. 부정행위는 최종 점수 F.
2	Final-exam	50%	기말고사는 필기시험으로 실시한다. 부정행위는 최종 점수 F.
3	Pop Quizzes	0%	
4	Assignments	5%	
5	Reports	0%	
6	Presentations & Discussions	0%	
7	Attendance	5%	강의 진행에 따라 유연성이 필요한 경우, 출석에 준하는, 예를 들어 과제등, 요구사항을 통해 출석 인정.
8		0%	
9	Others	0%	
All		100%	

Core of Value

핵심가치	전공역량	역량정의	역량구분	값(%)
혁신 (Discovery)	창의적문제해결 (Creative problem-solving)	주어진 상황과 문제를 창의적으로 해결할 수 있는 능력	부역량	0%
혁신 (Discovery)	도전 (Challenging)	전공 지식을 새로운 분야와 융합하고 아우를 수 있는 능력		0%
혁신 (Discovery)	지식융합 (Knowledge convergence)	새로운 분야를 개척하거나 도전적으로 임할 수 있는 능력		0%
헌신 (Dedication)	세계시민 (Universal value)	세계 공동체 구성원으로 전공자로서 국제적 이슈에 대응할 수 있는 능력		0%
헌신 (Dedication)	상호협력 (Cooperation)	공동의 목적 달성을 위해 타인과 상호협력을 할 수 있는 능력		0%

핵심가치	전공역량	역량정의	역량구분	값(%)
헌신 (Dedication)	공동체 (Sense of community)	공동체의 구성원으로서 필요한 태도와 윤리의식을 가질 수 있는 능력		0%
능동 (self-Determination)	자기주도 (Self-Managing)	주어진 상황과 문제를 주도적이고 능동적으로 해결할 수 있는 능력		0%
능동 (self-Determination)	지식활용 (Knowledge application)	주어진 상황과 문제에 대해 논리적으로 파악하고 분석할 수 있는 능력	부역량	0%
능동 (self-Determination)	논리적사고 (Logical thinking)	전공관련 지식을 필요에 따라 다양하게 적용하고 활용할 수 있는 능력	주역량	0%
능동 (self-Determination)	의사소통 (Articulation)	대화를 통해 다양한 의견을 조율하고 합의를 이끌어 낼 수 있는 능력		0%

Textbook(s) & References

Description	Title	Author	Publisher
Recommended Textbook	명품 HTML5+CSS3+Javascript 웹 프로그래밍	황기태	생능출판사
Required Textbook	IT CookBook, 미라클 HTML5+CSS3+자바스크립트	조성호	한빛미디어

Memo

This course uses computers very much so that the basic computer usage capacity is necessary. Through MOOC contents, the supporting material will be provided online education system.