



HANYANG UNIVERSITY

INTERNATIONAL SUMMER SCHOOL

* Please fill out the form completely in English in detail.

Name	Jeongseob Lee
E-mail	jeongseoblee@hanyang.ac.kr
Home University	Hanyang University
Department	Dept. of Design

Course Title	Creative Programming
Field of Study	Computer Programming / Design
Credits	3
Contact Hours	45
Course Code/Number	ISS1162
Course Description	This course is an intermediate programming class for interactive, media, and entertainment contents designers. Students will learn programming elements; command, variable, conditional, loop, function, and debugging, and using this knowledge, students will learn to code real-world media design assignments.
Course Objective	Primary goal of this course is to design students get intimate to computer programming so that they can expand their expressive tools and skills. Additionally, this will help students be a designer with better understanding of technology and multi-disciplinary view. This course will be arranged with theory and programming tutorial together. Main programming environment will be p5.js and processing.
Preparations (Pre-Knowledge)	N/A
Materials (Textbook/Websites link)	Presentation slides and online references Additional references: -Getting started with Processing (Reas, Casey, Fry, Ben) -Getting started with p5.js (Reas, Casey, Fry, Ben)



Lesson Plan: Fill out the topic for each class in detail		
Week 1	1 st Day	Orientation & Opening Ceremony
	Class 1	Hello world, point, line, plane
	Class 2	Color, variable, loop
	Class 3	Animation, condition, interaction 1
Week 2	Class 4	Coordinate, transform
	Class 5	Pattern design, Non-linearity
	Class 6	Team mentoring
	Class 7	Midterm
Week 3	Class 8	Time, motion
	Class 9	Media, motion graphic
	Class 10	Idea mining
	Class 11	Array, function, fractal
Week 4	Class 12	Class, Class array, interaction 2
	Class 13	Team mentoring/workshop
	Class 14	Team mentoring/workshop
	Class 15	Showcase

Evaluation (%)								
* Total sum of percentages should be 100%								
* Only below options are available, please do not change the form (fill out the given form)								
Assignments	Attendance	Final	Group Project	Mid-term	Participation	Presentation	Quiz	Total
30	20		30	15	5			100 %