

# PROCESSING: An Introductory Course for Non-programmers

## Course Outline

1. Introduction to PROCESSING (1.5 hours)
  - a. Installation of the software.
  - b. Overview of the platform.
2. Drawing in PROCESSING (0.5 hour)
3. Programming Basics (0.5 hour)
4. Overview of Object Oriented Programming (0.5 hour)
5. Animation (1 hour)
6. Media: Using Images and Sounds (1.5 hours)
7. Media: Using Video (1.5 hours)
8. Applications (1 hour)

## Lesson Plan

Day	Time	Topic(s)	Lesson Type (Lecture / Tutorial/ Practical / e-learning)
1	8.30 am to 10.00 am	Introduction to PROCESSING	Lecture + Software Installation
	10.00 am to 10.30 am	Drawing in PROCESSING	Lecture + Hands On
	10.30 am to 11.00 am	Programming Basics	Lecture + Hands On
	11.00 am to 11.30 pm	Overview of Object Oriented Programming	Lecture + Hands On
	11.30 pm to 12.30 pm	Animation	Lecture + Hands On
	12.30 pm to 1.30 pm	Lunch	
	1.30 pm to 3.00 pm	Media: Using Images and Sounds	Lecture + Hands On
	3.00 pm to 4.30 pm	Media: Using Video	Lecture + Hands On
	4.30 pm to 5.30 pm	Applications	Lecture

## Trainer's Profile

### Mr. Yong Chaw Koh

Mr. Yong Chaw Koh graduated from the National University of Singapore with a Bachelor in Electrical and Electronic Engineering (Hons) and holds a Master of Science in Information Processing and Neural Networks (Distinction) from Kings College, University of London.

Mr. Yong Chaw Koh has been a full-time lecturer with the Polytechnic since 1990. He specializes in areas in embedded system programming, digital communication and AI. He has also published several papers in conference proceedings on neural network applications.