

Interactive Installation Design

-Intro to Processing& Arduino

by Aven, Jun 24, 2016

Schedule

		上半节课/1.5小时		下半节课1.5小时
Day 01	Morning 10:00-13:00	Introduction/简介	break	Electricity, Circuits & Electrical Components 电子元器件, 电路, 电学原理
	Afternoon 14:00-17:00	Microcontrollers & Arduino 微控制器／单片机, Arduino	break	Pragramming;Processing & Drawing Processing 数字绘画
Day 02	Morning 10:00-13:00	Animation & Variables 动画&变量	break	lab 01:In class assignments: Translating coordinates 工作营01: 课内编程辅导：坐标变换
	Afternoon 14:00-17:00	Conditionals, Iteration&Functions 条件语句, 迭代, 函数	break	lab 02 : In class assignments : Self-define functions 工作营02:课内编程辅导:自定义function
Day 03	Morning 10:00-13:00	Mouse & Keyboard Interaction 键盘鼠标交互	break	lab 03: Processing keyboard interaction assignments 工作营03:Processing键盘鼠标交互设计辅导
	Afternoon 14:00-17:00	Digital & Analog Inputs & Outputs 数字&模拟信号 输入&输出	break	lab 04: Electronics + Arduino 工作营04: 电路搭建+Arduino项目
Day 04	Morning 10:00-13:00	Physical Interaction 人机互动	break	lab 05:Play around with sensors 工作营05：玩转感应器
	Afternoon 14:00-17:00	Communication Btw Processing & Arduino 交互通信	break	lab 06: Processing + arduino communication 工作营06:交互通信设计辅导
Day 05	Morning 10:00-13:00	Images & Audio 图像&声音	break	Video + Computer Vision 视频+数字可视化
	Afternoon 14:00-17:00	Final Project Setup 终期项目辅导	break	Final Project Critiques 课内评图

Day 06

FINAL SHOW

终期展览