

MPSM311 Electronic Projects for Artists SP26 Mon. 1:30-6:20pm

Dana Moser - dmoser@massart.edu

Fred Wolfink - fwolfink@massart.edu

Javi Ortiz - fortiz2169@massart.edu

<http://www.curiousart.org/eprojects2/>

Jan	26	-- Introductions, Electronics Review -- Microcontroller interfaces and programming -- Programming & project examples	Assign: Arduino and Tools
Feb	2	-- Microcontroller (Arduino) programming in C -- C programming concepts -- Introduction to Processing	Feb 4 = Drop/Add Deadline
	9	-- Voltage Divider -- Sensor Interaction with Processing -- Timing: pitches and motor control, driver circuits	
	16	"President's Day" (no classes)	
	23	-- Using Interrupts with sensors -- Intro to Max and pd (PureData)	
Mar	2	Spring Break (no classes)	
	9	-- Motors, electromechanical, kinetic	
	16	-- Comparison: Processing and Max - pd	
	23	-- Processing (cont.) -- Desktop I/O -Interactivity	--Desktop project due
	30	-- OSC and networked interactions	
Apr	6	-- Intro to Data Visualization	
	13	-- Data Visualization cont. -- Chaos and complexity	
	20	"Patriot's Day" (no classes)	
	27	-- In-class work day --Visiting Artist (to be confirmed)	--Project Descriptions due
May	4	-- In-class work day	
	11	-- Last class	-- Final presentations due
			(Classes End - May 12th)

Minimum requirements for credit:

- Attendance
- In-class projects participation
- Desktop I/O Project (March 23)
- Project Description for Final (April 27)
- Final Project (May 11)