SIM337 Electronic Projects for Artists

FA23 N271 Mon. 1:30-6:20pm

Sep	11	- Introductions - Course Description and Syllabus - Intro to electrical circuits and multimeters - Artists
	18	- discrete components: pots, diodes, capacitors, transistors, switches - Voltage divider - Beginning Light Switch project - breadboard layout Sept. 19th = Drop/Add Deadline
	25	- Finish first circuit project (light switch) - Introduction to transistors Sept. 29 = 1st Academic Warning
Oct	2	- 555 IC introduction - Oscillator / timer project --intro to oscilloscopes - Transistor R/C oscillator circuit
	9	= *"Indigenous People's Day" (no classes)*
	16	- Oscillator / timer project (finish) - survey of sensors
	23	- Working with kits. Velleman IR Light Barrier kit
	30	- Continuing with Kit building with modifications Nov. 3rd = 2st Academic Warning
Nov	6	- Introduction kinetic project - motor survey: (-DC gearhead, servo, stepper) - In-class group project --555 driver for servo
	13	- Finishing kinetic / electromechanical project - Visiting Artist (to be confirmed) Nov 15 = Last Day to Withdraw
	20	- Defining / Refining Final Project
	27	- Final Project Descriptions Due - Visiting Artist (to be confirmed)
Dec	4	- In-class work day - Debugging
	11	- Final Project Presentations Classes End - Dec 15th

Minimum requirements for credit:

1. - Attendance
2. - Successful completion of assigned circuits and in-class projects
3. - Project Description due Nov. 27th
4. - Completion of Final Project due December 11th

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https://curiousart.org/eprojects