Coding for Designers

CD Level 3
Semester 7
2013

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Aims

To introduce programming ("coding").
To introduce hardware interfacing and sensor-based interaction.
Give you an idea of what’s possible.
Set you up so you can teach yourself.
Outcomes

On completing this course you will be able to...

Design, create and debug simple programs.

Create interactive content for a range of platforms.

Create sensor-based interactive pieces.

Communicate with programmers.
Interactive Media Design.
Interaction Design.
INTERACTION DESIGN

Image: Bill Verplank
Prototyping interaction.
Sketching in hardware and software.
DIY Culture. Maker Culture.
Hacking.
Open Source.
Generative Art.
Why would a designer be interested in programming and electronics?
moritz waldemeyer
http://www.waldemeyer.com/
Free & Open Source software for programming.
Created for Artists and Designers.
On-line Community / Forum / Website.
User-contributed libraries.