A&D 10100 Electronic Media Studio 1
Prof. Fabian Winkler
Fall 2009

Required Supplies

Materials covered by program fees:

1x Arduino USB interface board	(www.arduino.cc)
1x USB cable	Jameco #222018
1x pushbutton switch	Jameco #174414
1x potentiometer, 10k	Jameco # 264411
2x LED, green, 1.7V@20mA	Jameco #334086
2 x NPN transistor, 2N2222	Jameco #178511
1x breadboard	Jameco #20601
1x plastic fliptop case	Jameco #100256

Additional required materials:

• **Soldering iron** (15–30W, fine tip), see below for three recommendations (Radioshack) – just choose ONE of them:

Print Email a friend

5-Piece Basic Soldering Set

$7.99

Model: 64-2802
Catalog #: 64-2802

Online: In stock
Usually ships in 1 - 2 business days

Wish List | Add to cart

Order online with peace of mind

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25-Watt Pencil

$8.79

Model: 64-2070
Catalog #: 64-2070

Online: In stock
Usually ships in 1 - 2 business days

Wish List | Add to cart

Order online with peace of mind

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15-Watt Soldering Iron with Grounded Tip

$8.99

Model: 64-2051
Catalog #: 64-2051

Online: In stock
Usually ships in 1 - 2 business days

Wish List | Add to cart

Order online with peace of mind

- **Piezo Element** (Radioshack):

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Piezo Element 1500-3000Hz

$1.99

Model: 273-073
Catalog #: 273-073

Online: In stock
Usually ships in 1 - 2 business days

- **1/8 shielded audio cable** (Radioshack):

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6-Ft. Shielded Cable, 1/8" Plug to 1/8" Plug

$3.99

Model: 42-2420
Catalog #: 42-2420

Online: In stock
Usually ships in 1 - 2 business days

Wish List | Add to cart

Order online with peace of mind

- **Headphones** (any type will be fine) e.g. from Radioshack:

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In-Ear Stereo Headphones

$9.99

Model: 33-1170
Catalog #: 33-1170

Online: In stock
Usually ships in 1 - 2 business days

Wish List | Add to cart

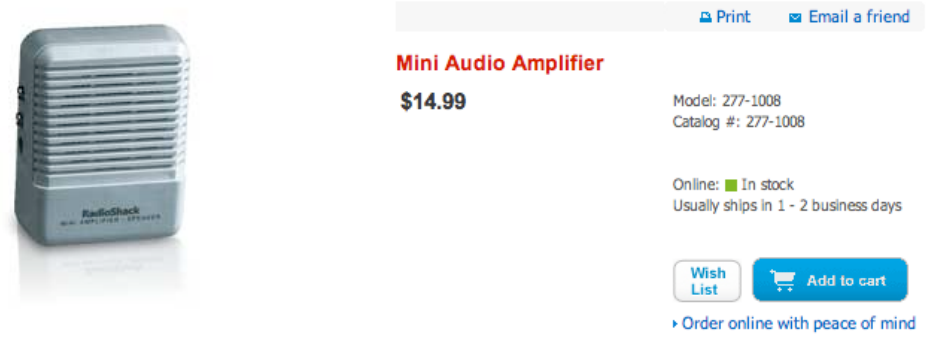
Order online with peace of mind

• **USB flash drive** (min. 1GB, **IMPORTANT**: check that the compatible computer operating systems include: Mac OSX, Windows® Vista, Windows XP (Home and Professional), Windows 2000, Windows 98SE, and Windows Me). Recommendation: Transcend 4GB JETFLASH V30

• **Textbook:** Goldberg, Roselee. *Performance Art: From Futurism to the Present*. London: Thames&Hudson. 2001. Can be purchased at the University Bookstore.

• Min. **5 blank CD-R disks**

Not mandatory but helpful for audio experiments – **Mini Audio Amplifier** (Radioshack):



Resources
Lafayette Electronics Supply (http://www.lafayetteelectronic.com)
Radioshack (http://www.radioshack.com)
Jameco (http://www.jameco.com)
Digikey (http://www.digikey.com)
Sparkfun Electronics (http://www.sparkfun.com)
Amazon (http://www.amazon.com)

Program Fees for studio-based courses in the Division of Art & Design
Program fees for A&D studio-based courses enhance the educational experience of all students enrolled in studio-based courses in the Division of Art and Design.

The objectives of the program fees are:

1. To obtain and distribute course materials that are not available locally or that are more economical and environmentally-friendly to purchase in bulk.
2. To provide and maintain the best state-of-the-art equipment and support possible.

Program fees do not cover all costs associated with a studio-based course. Students may have additional materials and/or texts to purchase in addition to what is supplied by the instructor.

Program Fee Refund policy:
If a student never attends or drops an A&D studio course *within the first two weeks of classes,* they may apply for a full or partial refund through the Patti and Rusty Rueff Department of Visual & Performing Arts Business Office (PAO 1190).

For a full (100%) refund, you must:

1. Provide a completed ***Program Fee Release Form*** signed by instructor
2. Provide a **Proof of Course Drop***
3. Meet the deadline: **Tuesday, September 8, 2009**

For a partial (50%) refund you must:

1. Have a **Proof of Course Drop***
2. Meet the deadline: **Tuesday, September 8, 2009**

***Go to "myPurdue" and print out a copy of your course registration activity showing the date that you dropped the course.**

After September 8, there will be no refunds of course fees.

Take required documentation to Teresa Foley in PAO 1190 no later than Tuesday, September 8, 2009.