# <u>Using Audacity</u>

## Step 1: Download Audacity, a cross-platform free sound editor, from http://audacity.sourceforge.net/.

#### Step 2: Download the LAME 3.96.1 MP3 encoder at

http://audacity.sourceforge.net/help/faq?s=install&item=lame-mp3.

# Directions for installing and accessing the LAME library:

- Download the archive file from the site above, and open it in a utility like winzip, 7-zip, or some versions of Windows Explorer
- Take the lameenc.dll file and extract (uncompress) it to a directory on your hard drive. The directory where you installed Audacity would be a good idea. This is probably C:\Program Files\Audacity or similar.
- Open Audacity and go to Edit > Preferences.
  - Go to the 'File Formats' tab.
  - In the bottom of the window there is a section tabled 'MP3 Export Setup'.
  - Click on the link tabled 'Find Library'
  - This will ask you if you want to locate the lame encoder. Click 'yes'.
  - In the dialogue box, go to the folder where you put the lame-enc.dll file earlier, and select it.
    Click OK.
  - 0 Click OK.
- You should now be able to export files to the mp3 format.

#### **Step 3: Setting Preferences**

Audacity						
File	Edit View Project	Generate E	1. Go to $Edit > Preferences$ .			
	Can't Undo	Ctrl+Z	2. On the Audio I/O tab, select 2 (Stereo) Channels.			
	Can't Redo	Ctrl+Y	3. On the <b>Quality</b> tab, use 44100Hz as the default sample rate.			
	Cut	Ctrl+X	Audacity Preferences			
- I	Сору	Ctrl+C	Audio 1/0 Quality File Formats Spectrograms Directories Interface Keyboard Mouse Audio 1/0 Quality File Formats Spectrograms Directories Interface Keyboard Mouse			
-	Paste Trim	Ctrl+V Ctrl+T	Playback Default Sample Rate: 44100112 V 44100			
	Delete	Ctrl+K	Device: Microsoft Sound Mapper - Output			
	Silence	Ctrl+L	Recording Real-time sample rate converter. Fast Sinc Interpolation V			
	Split Duplicate	Ctrl+D	Device: Microsoft Sound Mapper - Input			
	Select Find Zero Crossing	ıs Z	Play other tracks while recording new one     Real-time dither:     None       Software Playthrough (Play new track while recording it)     High-quality dither:     Triangle			
	Selection Save Selection Restore		mginquary units. I manger _			
	Move Cursor Snap-To	+				
	Preferences	Ctrl+P	Cancel OK Cancel O	эк		

Audacity Preferences							
Audio I/O Quality File Formats Spectrograms Directories Interface Keyboard Mouse							
When importing uncompressed audio files into Audacity Make a copy of the file before editing (safer) Read directly from the original file (faster)							
Uncompressed Export Format							
WAV (Microsoft 16 bit PCM)							
							OGG Export Setup           OGG Quality:         5           0
MP3 Export Setup							
MP3 Library Version: LAME v3.96 Find Library							
Bit Rate: 128 💌							
Cancel							

### Step 4: Learning how to use Audacity

Visit any one of the following sites to learn how to import, record, and edit audio files.

http://www.edhsonline.org/other/audacity/ http://comped.brown.edu/handouts/index.php/Audacity http://academictech.doit.wisc.edu/orfi/avs/Modules/audacity.htm http://www.tsof.edu.au/resources/Sound/Support/tutorials.asp http://www.how-to-podcast-tutorial.com/17-audacity-tutorial.htm

# Step 5: Setting up your audio file for MP3 exporting

🦲 Audacity								
File Edit View	Project Generate Effect Analyze Help							
I ≥ Ø	Import Audio Ctrl+I Import Labels Import MID1 Import Raw Data	-						
-1.0	Edit ID3 Tags Quick Mix	<u></u> 2						
▲udio Track ▼ Stereo, 48000H: 32-bit float Mute Solo 	New Audio Track         New Stereo Track         New Label Track         New Time Track         Remove Tracks         Align Tracks         Align and move cursor							
	Add Label At Selection Ctrl+B Add Label At Playback Position Ctrl+M 0.0							

- 1. Go to Project > Edit ID3 Tags ...
- 2. Fill out the Edit ID3 Tags (for MP3 exporting) information. Be sure to have ID3v2 selected.
- 3. Go to File > Export as MP3

Edit ID3 Tags (for MP3 exporting)	🦲 Audacity			
Format: C ID3v1 (more compatible)	File         Edit         View         Project         Generate         Effect         Analyze           New         Ctrl+N         Open         Ctrl+O         Image: C			
ID3v2 (more flexible)	Close Ctrl+W Save Project Ctrl+S Save Project As			
Title:	Recent Files 🕨 🌮			
Artist:	Export As WAV Export Selection As WAV			
Album:	Export As MP3 Export Selection As MP3			
Track Number: Year:	Export As Ogg Vorbis Export Selection As Ogg Vorbis			
Genre: Blues	Export Labels			
Comments:	Page Setup Print			
Cancel	Exit -0.5			