

Audio Digitization

Digital Stewardship Curriculum



Playback device.



Digital recording device.

Intermediary hardware & software.



Playback device.



What do you need?

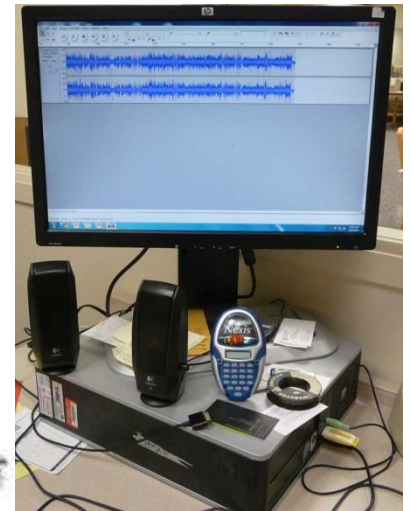
What do you already have?

What can you scrounge?

What is worth buying?

Just a good computer, with good processing speed, a decent amount of RAM, and okay storage capabilities. You could use your laptop...

Digital
recording
device.



Intermediary hardware: some examples



AGPtek USB Cassette Capture: \$25



Zoom H4n Mobile Recorder: \$200



USBPre2 Audio Interface: \$880

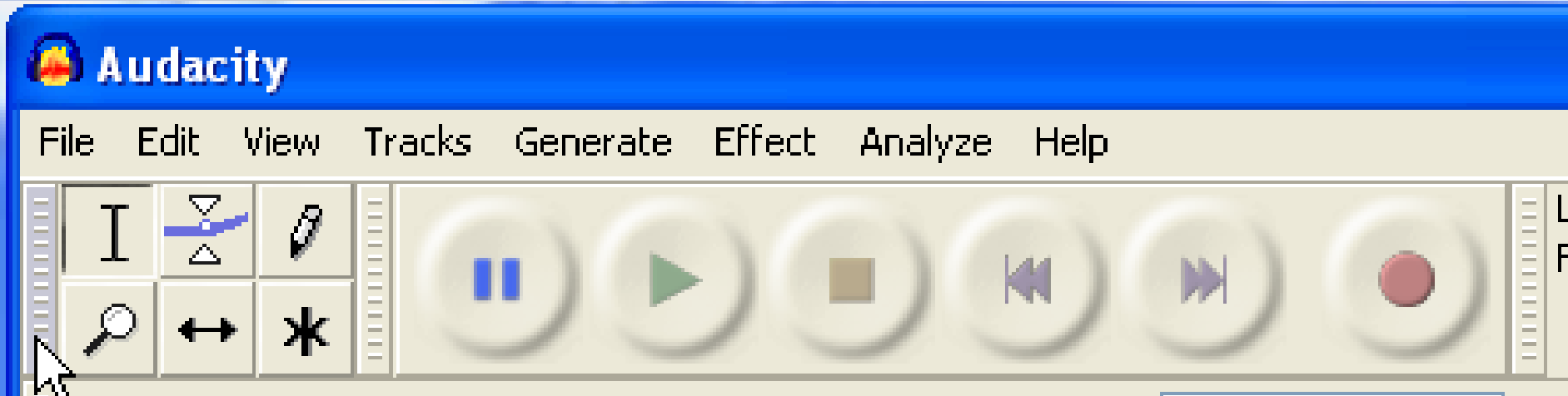


Software: Audacity





If you used one of these, you can digitize audio using Audacity.



Untitled - Notepad

File Edit Format View Help

Once upon a midnight dreary, while I pondered, weak and weary,
Over many a quaint and curious volume of forgotten lore—
While I nodded, nearly napping, suddenly there came a tapping,
As of some one gently rapping, rapping at my chamber door.
‘Tis some visitor,” I muttered, “tapping at my chamber door—
Only this and nothing more.”

Ah, distinctly I remember it was in the bleak December;
And each separate dying ember wrought its ghost upon the floor.
Eagerly I wished the morrow;—vainly I had sought to borrow
From my books surcease of sorrow—sorrow for the lost Lenore—
For the rare and radiant maiden whom the angels name Lenore—
Nameless here for evermore.

And the silken, sad, uncertain rustling of each purple curtain
Thrilled me—filled me with fantastic terrors never felt before;
So that now, to still the beating of my heart, I stood repeating
‘Tis some visitor entreating entrance at my chamber door—
Some late visitor entreating entrance at my chamber door;—
This it is and nothing more.”

Presently my soul grew stronger; hesitating then no longer,
“Sir,” said I, “or Madam, truly your forgiveness I implore;
But the fact is I was napping, and so gently you came rapping,
And so faintly you came tapping, tapping at my chamber door,
That I scarce was sure I heard you”—here I opened wide the door;—
Darkness there and nothing more.

Deep into that darkness peering, long I stood there wondering, fearing,
Doubting, dreaming dreams no mortal ever dared to dream before;
But the silence was unbroken, and the stillness gave no token,
And the only word there spoken was the whispered word, “Lenore?”
This I whispered, and an echo murmured back the word, “Lenore!”—
Merely this and nothing more.

Back into the chamber turning, all my soul within me burning,
Soon again I heard a tapping somewhat louder than before.
“Surely,” said I, “surely that is something at my window lattice;
Let me see, then, what thereat is, and this mystery explore—
Let my heart be still a moment and this mystery explore;—
’Tis the wind and nothing more!”

Open here I flung the shutter, when, with many a flirt and flutter,
In there stepped a stately Raven of the saintly days of yore;
Not the least obeisance made he; not a minute stopped or stayed he;
But, with mien of lord or lady, perched above my chamber door—
Perched upon a bust of Pallas just above my chamber door—
Perched, and sat, and nothing more.

Then this ebony bird beguiling my sad fancy into smiling,
By the grave and stern decorum of the countenance it wore,
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Much I marvelled this ungainly fowl to hear discourse so plainly,
Though its answer little meaning—little relevancy bore;
For we cannot help agreeing that no living human being

Washington_State_WSU_Fight_Song

File Edit View Transport Tracks Generate Effect Analyze Help

Project Rate (Hz): 16000 Snap To: Off Selection Start: 00 h 00 m 00.000 s End: 00 h 00 m 00.208 s Length: 00 h 00 m 00.000 s Audio Position:

If you've used a text editor, you can edit with Audacity.

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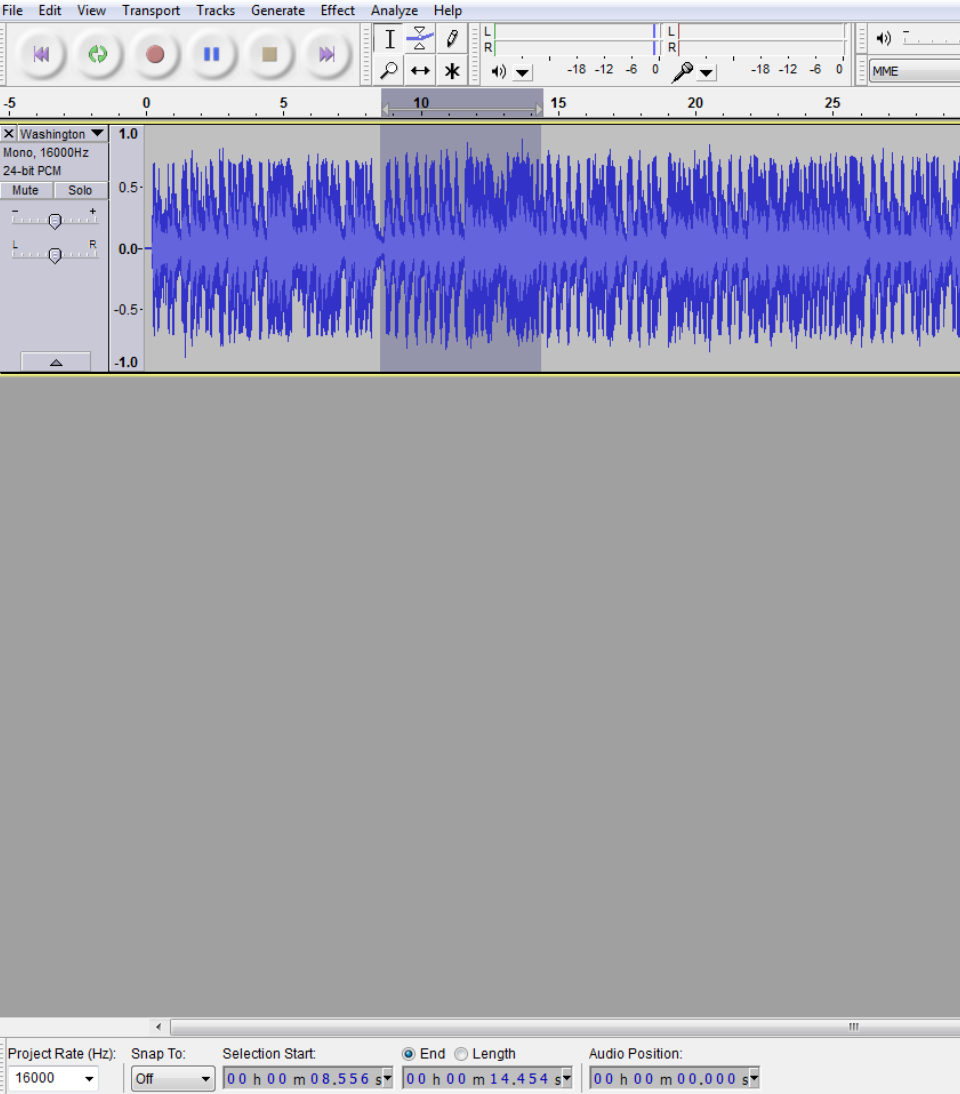
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Washington_State_WSU_Fight_Song

File Edit View Transport Tracks Generate Effect Analyze Help



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Highlight the section of your document that you want to edit.

Untitled - Notepad

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File Edit View Transport Tracks Generate Effect Analyze Help

Undo Normalize Ctrl+Z
 Redo Cut Ctrl+Y
 Cut Ctrl+X
 Delete Ctrl+K
 Copy Ctrl+C
 Paste Ctrl+V
 Duplicate Ctrl+D
 Remove Special
 Paste Text to New Label Ctrl+Alt+V
 Clip Boundaries
 Labeled Audio
 Select
 Find Zero Crossings Z
 Move Cursor
 Region Save
 Region Restore
 Play Region
 Preferences... Ctrl+P

Project Rate (Hz): 16000
 Snap To: Off
 Selection Start: 00 h 00 m 08.556 s
 End Length: 00 h 00 m 14.454 s
 Audio Position: 00 h 00 m 00.000 s

Select your 'function' (what you want to do).

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 For we cannot help agreeing that no living human being
 Ever yet was blessed with seeing bird above his chamber door—
 Bird or beast upon the sculptured bust above his chamber door,
 With such name as "Nevermore."

But the Raven, sitting lonely on the placid bust, spoke only
 That one word, as if his soul in that one word he did outpour.

Washington_State_WSU_Fight_Song

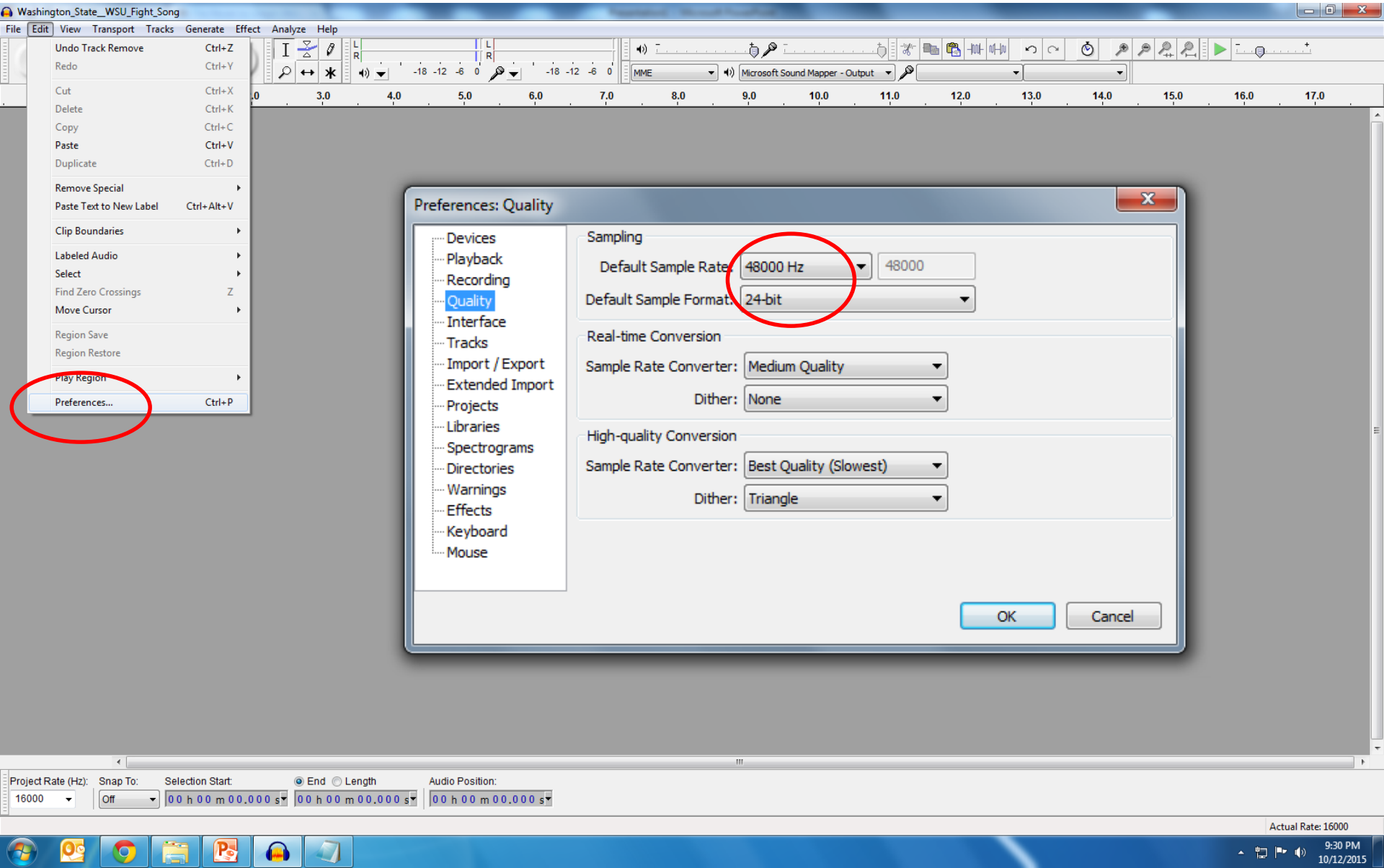
File Edit View Transport Tracks Generate Effect Analyze Help

Project Rate (Hz): 16000
 Snap To: Off
 Selection Start: 00 h 00 m 08.556 s
 End: 00 h 00 m 08.556 s
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 Audio Position: 00 h 00 m 00.000 s

Click and drag to select audio

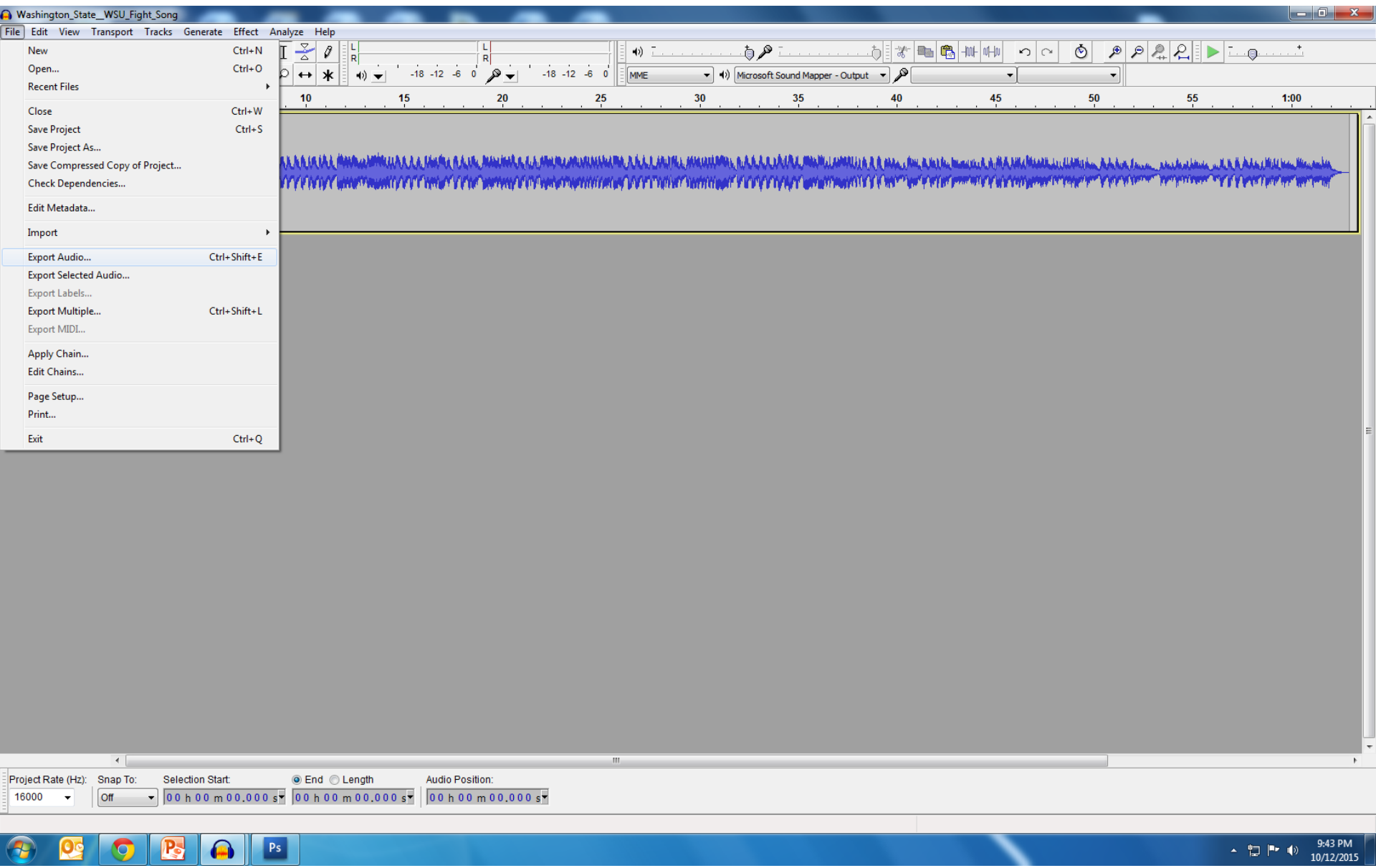
Click!

During your initial set-up, set your recording standards!

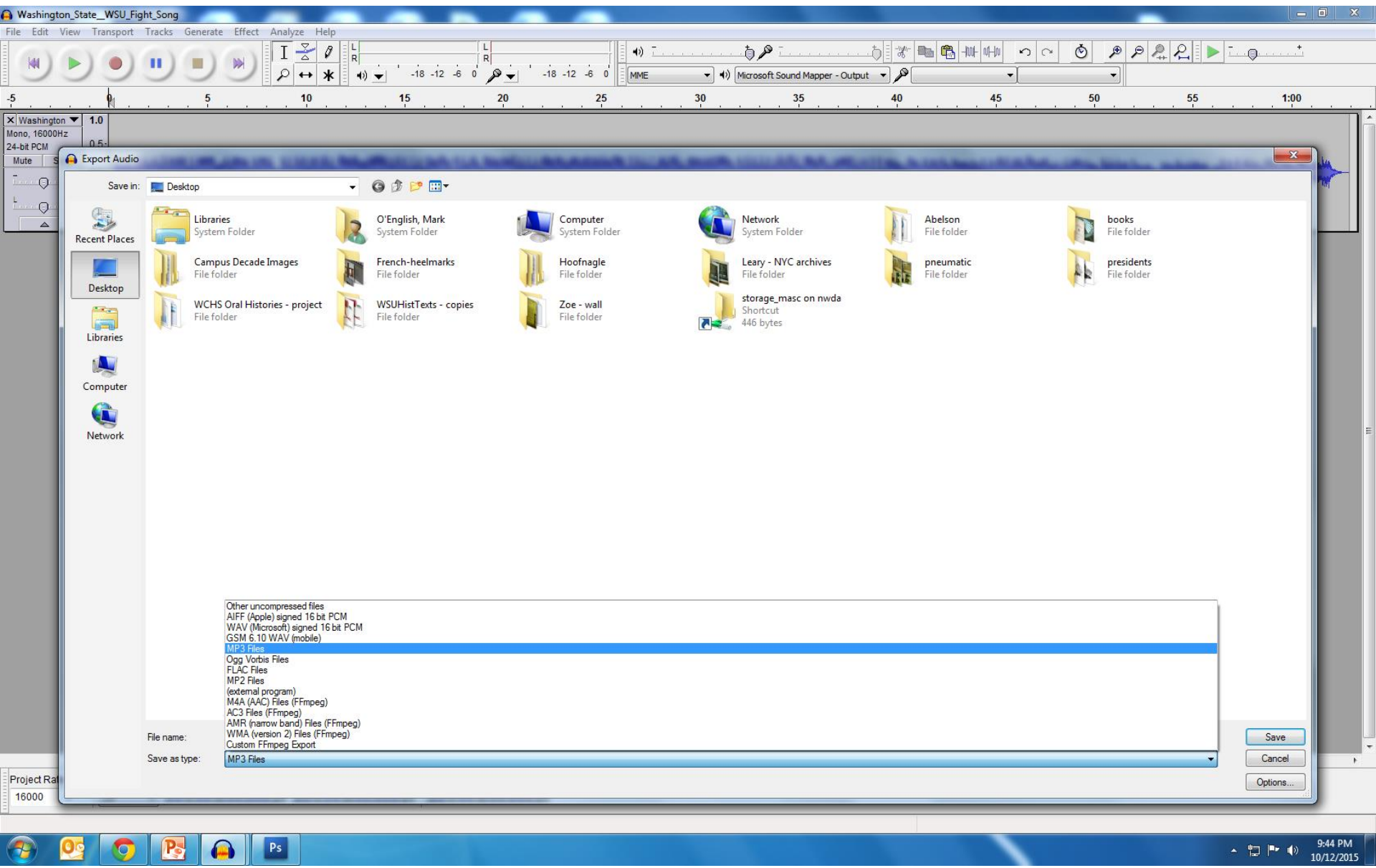


Edit --- Preferences --- Quality

During your initial set-up, you'll need to install a "LAME MP3 Encoder."



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