

# University Library

## Podcasting 101: How To Turn Your Lectures Into Portable Works of Art

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# Podcasting 101

- What is Podcasting?
- Uses for Podcasting
- Podcasting Tools
- Podcasting Software
- Audio Files
- MP3 Formats
- How to Publish a Podcast



# Podcasting 101

## What is Podcasting?

An audio broadcast that has been converted to an MP3 file or other audio file format for playback in a digital music player or computer.

PC Magazine

[http://www.pcmag.com/encyclopedia\\_term/0,2542,t=podcast&i=49433,00.asp](http://www.pcmag.com/encyclopedia_term/0,2542,t=podcast&i=49433,00.asp)



# Podcasting 101

## Uses for Podcasting

- In-class lectures
- News and Announcements
- Course Instruction
- Faculty & Student Presentations
- Homework Assignments
- Distance Education
- Much More...



# Podcasting 101

## Podcasting Tools

- A PC Running Windows XP or a Mac Running OS 9 or X
  - 512 MB of RAM
  - 2 to 3 GB of Free Hard Drive Space
  - Soundcard
- Microphone
- Headphones or Headset
- MP3 Player
- Pop Filter



# Podcasting 101

## Podcasting Software

- Audacity (<http://audacity.sourceforge.net/>) **FREE**
- Wavepad  
(<http://www.nch.com.au/wavepad/masters.html>)  
**FREE**
- Adobe Audition (<http://www.adobe.com>)
- Adobe Soundbooth (<http://www.adobe.com>)
- Itunes (<http://www.apple.com>) **FREE**
- Windows Media Player  
(<http://www.windows.com>) **FREE**
- Yahoo JukeBox



# Podcasting 101

## Audio Files

- MP3 (Most Commonly used) - .mp3
- WAV - .wav
- Vorbis - .ogg
- Windows Media Audio - .wma



# Podcasting 101

## MP3 Formats

<b>Type of Podcast</b>	<b>Bit Rate</b> (type of MP3 encoding to use)	<b>Amount of Compression</b> (how much you shrink the file)	<b>Audio Quality</b>	<b>File Size</b>
Mostly or All Music	128 kbps Stereo / 44 kHz	Some (11:1)	CD Quality (used for most music MP3s)	Small (1.0 MB / Min)
Talk with Some Music	96 kbps Stereo / 44 kHz	More (14:1)	Near CD	Smaller (0.7 MB / Min)
Talk Only	64 kbps Stereo / 22 kHz	Most (22:1)	Like FM Radio	Smallest (0.5 MB/Min)

Podcast Compression & Storage Table





# Podcasting 101

## How to Publish

- Register a Web Address
- Find or Buy Web Hosting Service
- Start a Blog
- Create an RSS Feed (Really Simple Syndication)



# Podcasting 101

## Domain Name Services

- Godaddy.com (<http://www.godaddy.com>)
- Network Solutions (<http://www.networksolutions.com>)
- Mydomain.com (<http://www.mydomain.com>)



# Podcasting 101

## Hosting Services

- Godaddy.com (<http://www.godaddy.com>)
- Gate (<http://www.gate.com>)
- Yahoo Web Hosting  
(<http://smallbusiness.yahoo.com/webhosting>)



# Podcasting 101

Questions???



# How To Make A Podcast

- Create a script, lecture, or essay about the subject you want to talk about
- Record the program using audio software, computer, and a microphone
- Put it up on a server, website, or other space that others can access your file
- Broadcast to the world!



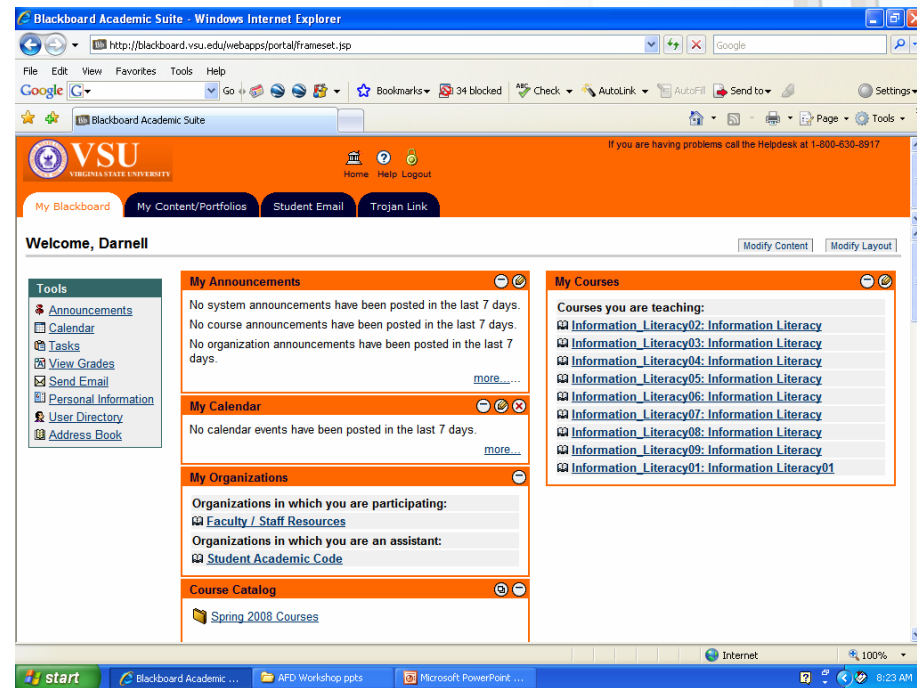
# Using Blackboard

- Blackboard is an excellent place to mount podcasts for student access
- It is very easy to do!



# Accessing A Course

- Login to Blackboard
- Select the course where you want the podcast to go



The screenshot shows the Blackboard Academic Suite interface in a Windows Internet Explorer browser window. The address bar displays the URL <http://blackboard.vsu.edu/webapps/portal/frameset.jsp>. The page features the VSU logo and navigation tabs for "My Blackboard", "My Content/Portfolios", "Student Email", and "Trojan Link". A welcome message reads "Welcome, Darnell". The main content area is divided into several sections:

- Tools:** A sidebar menu containing links for Announcements, Calendar, Tasks, View Grades, Send Email, Personal Information, User Directory, and Address Book.
- My Announcements:** A section indicating that no system, course, or organization announcements have been posted in the last 7 days, with a "more....." link.
- My Calendar:** A section indicating that no calendar events have been posted in the last 7 days, with a "more..." link.
- My Organizations:** A section listing organizations in which the user is participating (Faculty / Staff Resources) and an assistant (Student Academic Code).
- Course Catalog:** A section with a link to "Spring 2008 Courses".
- My Courses:** A section titled "Courses you are teaching:" listing several "Information Literacy" courses, such as "Information\_Literacy02: Information Literacy" through "Information\_Literacy01: Information Literacy01".

The Windows taskbar at the bottom shows the Start button, the Internet Explorer icon, and several open applications: "Blackboard Academic...", "AFD Workshop ppt", and "Microsoft PowerPoint...". The system tray shows the time as 9:23 AM on 8/23/07.



# In The Course...

- Select the **CONTROL PANEL** on the lower left side of the screen
- Under **CONTENT AREAS**, select the place where you would like for students to access your podcast

The screenshot shows the Blackboard Academic Suite interface in a Windows Internet Explorer browser. The page title is "INFORMATION LITERACY (INFORMATION\_LITERACY02) > CONTROL PANEL". The course name is "INFORMATION\_LITERACY02: Information Literacy - Darnell Law (Instructor)". The interface is organized into several sections:

- Content Areas:** Course Information, Course Documents, Assignments, Tests / Quizzes, External Links.
- Course Tools:** Announcements, Course Calendar, Staff Information, Tasks, Send Email, Discussion Board, Collaboration, Digital Dropbox, Glossary Manager, Messages, Content Collection, Course Portfolios, Check Collection Links, Course Objectives, Copy Files to Collection, SafeAssign.
- Course Options:** Manage Course Menu, Course Design, Manage Tools, Settings, Course Copy, Import Course Cartridge, Import Package, Export Course.
- User Management:** List / Modify Users, Enroll User, Remove Users from Course, Manage Groups.
- Assessment:** Test Manager, Survey Manager, Pool Manager, Course Statistics, Gradebook, Gradebook Views, Performance Dashboard, Early Warning System.
- Help:** Support, Manual, Contact System Administrator, Quick Tutorials.

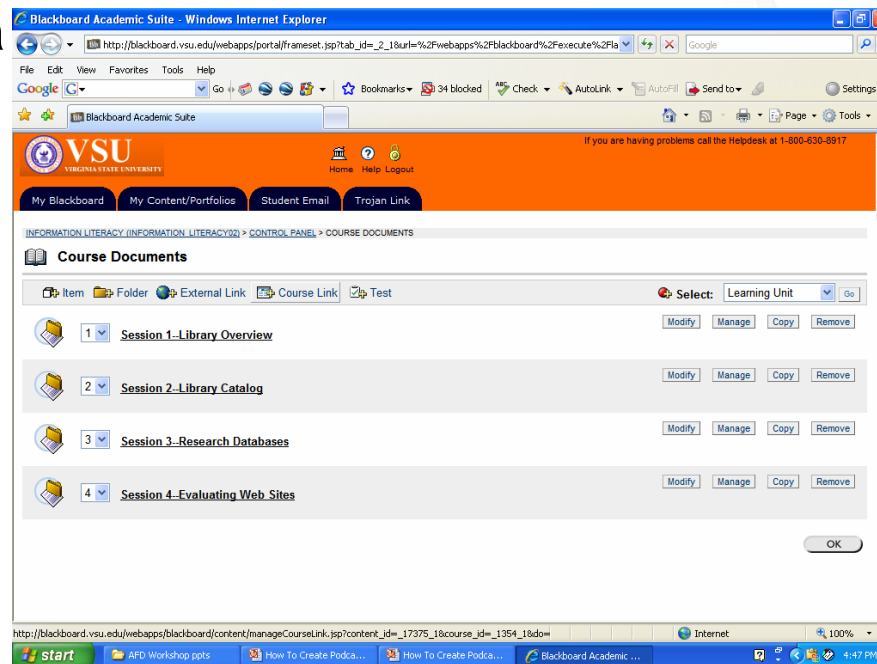
The browser's address bar shows the URL: [http://blackboard.vsu.edu/webapps/porta/frameset.jsp?tab\\_id=\\_2\\_1&url=%2Fwebapps%2Fblackboard%2Fexecute%2F...](http://blackboard.vsu.edu/webapps/porta/frameset.jsp?tab_id=_2_1&url=%2Fwebapps%2Fblackboard%2Fexecute%2F...)





# Content Area

- Click on the **ITEM** button to add your mp3 file
- Type in a name for your file, a description, and attach your file
- It is similar to how you upload a test or other document to Blackboard
- When finished, check to see that the file has been added to the list in that content area



# Student Access

- Any student enrolled in your course should now be able to see your mp3 file
- They can download it to their computer and/or add it to iTunes/iPod for playing on the go!

