

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



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



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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



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Audio Files

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



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MP3 Formats

Type of Podcast	Bit Rate (type of MP3 encoding to use)	Amount of Compression (how much you shrink the file)	Audio Quality	File Size
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>)



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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

Blackboard Academic Suite - Windows Internet Explorer

http://blackboard.vsu.edu/webapps/portal/frameset.jsp

File Edit View Favorites Tools Help

Google

Blackboard Academic Suite

VSU VIRGINIA STATE UNIVERSITY

Home Help Logout

If you are having problems call the Helpdesk at 1-800-630-8917

My Blackboard My Content/Portfolios Student Email Trojan Link

Welcome, Darnell

Modify Content Modify Layout

Tools

- Announcements
- Calendar
- Tasks
- View Grades
- Send Email
- Personal Information
- User Directory
- Address Book

My Announcements

No system announcements have been posted in the last 7 days.
No course announcements have been posted in the last 7 days.
No organization announcements have been posted in the last 7 days.

My Calendar

No calendar events have been posted in the last 7 days.

My Organizations

Organizations in which you are participating:
Faculty / Staff Resources

Organizations in which you are an assistant:
Student Academic Code

Course Catalog

Spring 2008 Courses

My Courses

Courses you are teaching:

- Information_Literacy02: Information Literacy
- Information_Literacy03: Information Literacy
- Information_Literacy04: Information Literacy
- Information_Literacy05: Information Literacy
- Information_Literacy06: Information Literacy
- Information_Literacy07: Information Literacy
- Information_Literacy08: Information Literacy
- Information_Literacy09: Information Literacy
- Information_Literacy01: Information Literacy01

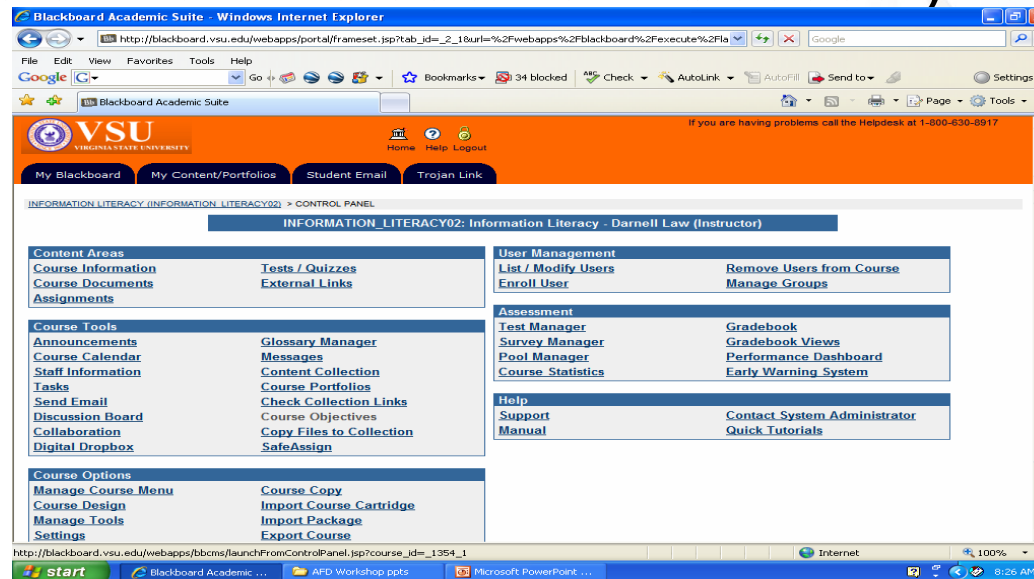
start Blackboard Academic ... AFD Workshop pptx Microsoft PowerPoint ...

Internet 100% 8:23 AM 2007



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 main content area is titled "INFORMATION_LITERACY02: Information Literacy - Darnell Law (Instructor)". The interface is organized into several sections:

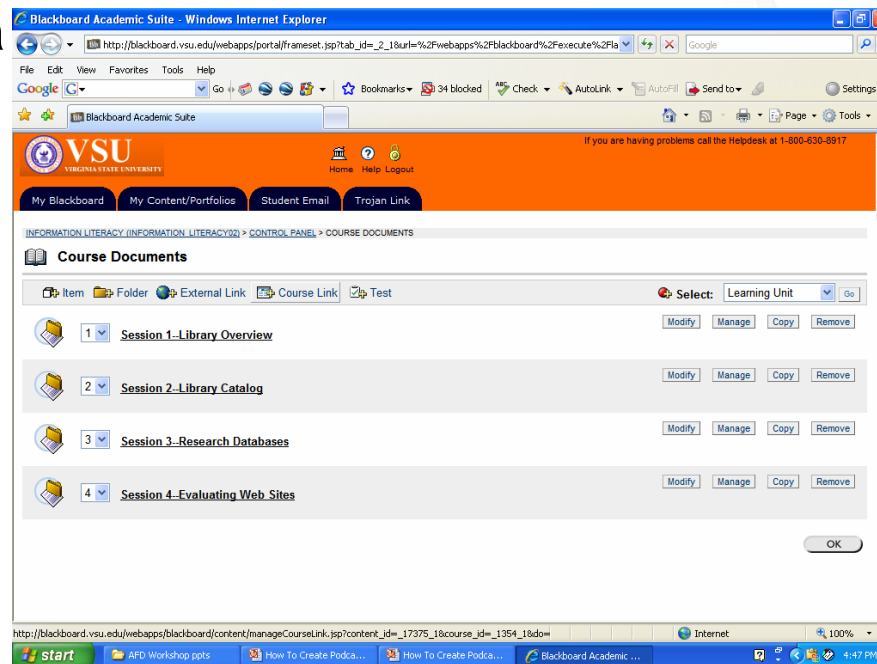
- Content Areas:** Course Information, Course Documents, Assignments, Tests / Quizzes, External Links.
- Course Tools:** Announcements, Course Calendar, Staff Information, Tasks, Send Email, Discussion Board, Collaboration, Digital Dropbox, Glossary Manager, Messages, Content Collection, Course Portfolios, 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...



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!

