

Podcasting is an easy way to distribute audio and video recordings because it takes advantage of RSS. Students can click the SUBSCRIBE button for your podcasts and receive all new episodes automatically delivered their own copy of iTunes.

The UA has a public iTunes U site and a private site. The private site is secured behind WebAuth and restricted to students who are registered for your class. The UA's private iTunes U site is a practical way to address issues related to copyright, fair use and privacy.

Podcasts on the UA's public iTunes U are freely available to anyone with a Mac or PC, Apple's free iTunes software, and access to the Internet. In addition, podcasts can be played and downloaded on mobile devices such as the iPod Touch, iPhones and iPad.

Students typically use podcasts of recorded lectures to catch up when they've missed class for a legitimate reason, to review more difficult concepts, and to review for exams. In addition, podcasting class lectures supports the Americans with Disabilities Act (ADA) guidelines because it helps students with disabilities keep pace with their classmates.

### Ideas for recording podcasts that complement your course

- Relate real-world experiences
- Podcast summaries of the key points made in a lecture
- Review more complex material
- Add new material rather than repeating what you covered in class
- Discuss something relevant to the course content (e.g., a report or journal article that you read, research results, remarks made by a conference speaker)
- Suggest a particular topic for students to Google for more information and invite them to share what they learned in the class discussion forum or course/student blog
- Suggest a website that your students can visit for more information and invite them to share what they learned in a discussion forum or course blog
- Previously created instructional videos


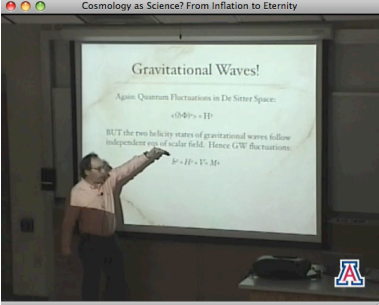
### Connecting to the UA's public iTunes U

Go to [itunes.arizona.edu](http://itunes.arizona.edu) and click the blue button "Go to UA on iTunes U"

## Lecture capture

We also have the capability to streamline lecture capture using the Podcast Producer. With Podcast Producer you login to begin recording your lecture and logoff when finished. Podcast Producer then automatically processes your lecture and uploads it to your iTunes U site, usually within an hour. There are some technical requirements for this to work that can quickly be assessed by our staff. Contact Gregory Anderson [gka@email.arizona.edu](mailto:gka@email.arizona.edu) to begin the process. Please allow at least two weeks before the beginning of a semester.

## Audio or video – which to use?

Audio Podcasts	
<ul style="list-style-type: none"> <li>• smaller file sizes than video</li> <li>• faster downloading</li> <li>• class lectures using Podcast Producer or digital recording devices</li> <li>• custom recording using Audacity (free software) or GarageBand (comes on all Apple computers)</li> <li>• easiest to create</li> </ul>	 <p>A screenshot of the GarageBand software interface. The window title is 'GarageBand - sample screenshot'. It shows a 'Tracks' area on the left with three tracks: 'Podcast Track' (purple), 'Male Voice' (grey), and 'Jingles' (blue). The 'Podcast Track' track has a small video thumbnail. The 'Male Voice' track has a volume knob and a solo button. The 'Jingles' track has a volume knob and a solo button. Below the tracks is a 'Track Volume' control set to 0.0 dB. On the right, there is a 'Future Moments Interview' track (orange) and a 'Curtain Call Short.1' track (blue). The main area shows a piano roll with a blue line representing a melody.</p>
Video Podcasts	
<ul style="list-style-type: none"> <li>• capture video of public lectures</li> <li>• convert DVDs to iTunes U format</li> <li>• capture presentation slides with audio of your lecture sync'ed using Podcast Producer</li> <li>• record a presentation with audio and export it to the iTunes format</li> </ul>	 <p>A screenshot of a video lecture. The window title is 'Cosmology as Science? From Inflation to Eternity'. The main content is a presentation slide titled 'Gravitational Waves!'. The slide text includes: 'Again: Quantum Fluctuations in De Sitter Space: <math>\langle \delta h_{ij} \rangle = 0</math>', 'BUT the two helicity states of gravitational waves follow independent quadrupolar field. Hence GW fluctuations: <math>\langle h_{ij} \rangle = 0</math>', and 'P = PP = Y, M'. A presenter is visible in the bottom left corner, pointing at the slide. The Arizona State University logo is in the bottom right corner.</p>

## How students are using podcasts and lecture capture

Download a copy of the report "Podcast Your Lectures or, why students will still attend class."  
<http://blog.ltc.arizona.edu/stuartg/PodcastYourLectures2.pdf>