

Major (Free) Online Education Sources

In the following, we offer a selection of sources for open courseware on the internet, and *tentative* procedures for *downloading* and storing many of their video files.

Video Players

- * Most downloaded videos work well on Real Player, obtained from: <http://www.realplayer.com/>
- * Many also work with QuickTime Player, obtained from: <http://www.apple.com/quicktime/player/>
- * Some also need Adobe Flash Player, obtained from <http://www.adobe.com/support/flashplayer/downloads.html>

Windows Minimum Requirements

- * Pentium processor PC
- * At least 128 MB of RAM
- * Windows XP Service Pack 2 or VISTA

Terms of Use

See, for example, <http://ocw.mit.edu/OcwWeb/web/terms/terms/index.htm#cc>

Seven (free) Online Courseware Sources:

- * 6.1 YouTube,
- * 6.2 iTunes U,
- * 6.3 Direct from colleges,
- * 6.4 Curriki,
- * 6.5 MERLOT,
- * 6.6 U.C. College Prep.
- * 6.7 Annenberg Media

6.1) YOUTUBE;

<http://www.youtube.com/watch?v=vcMHBushl00>

a) 730 MIT videos on YouTube:

http://www.youtube.com/profile_videos?user=MIT&p=r

To store course-lesson video:
(procedure To Be Determined)

b) 270 U. Calif at Berkeley videos on YouTube:

http://www.youtube.com/profile_videos?user=ucberkeley

To store course-lesson video: see MIT YouTube procedure, above.

6.2) iTUNES U:

http://www.apple.com/education/itunesu_mobilelearning/itunesu.html

a) Stanford Univ. videos on iTunes U.

<http://itunes.stanford.edu/index.html>

20 courses; many lessons on video, others audio or text.

- * Click “open Stanford on iTunes U” (upper right);
- * click “see all” in upper right of “Stanford courses;”

To store course-lesson video: double click course;

- * select lesson; double-click “get movie”;
- * wait for download (rotation symbol) to complete;
- * Using Explore, find lesson in desktop/username/Music/iTunes/iTunesMusic/Movies
- * copy selected lesson (by copy and paste) to portable Flash Drive or DVD.

When disconnected from internet,

- * on computer, read from Flash Drive ;
- double click desired video, sending it to video player.
- * or show DVD on computer, or (via DVD player) on TV

b) MIT videos on iTunes U: <http://web.mit.edu/itunesu/>

- * Click “Enter MIT on iTunes U”
- 21 course-subject areas; many courses, many video lessons.

To store course-lesson video: see Stanford video procedure above.

c) Duke University video on iTunes U:

<http://deimos3.apple.com/WebObjects/Core.woa/Browse/new.duke.edu.1360740605>

Course: Introduction to Engineering.

To store course-lesson video:

- * double click “full course: video/VGA;”
- * see Stanford video procedure above.

d) **K-12 on iTunes U:** some videos.

http://www.apple.com/education/itunesu_mobilelearning/beyondcampus.html

- * select “beyond campus” on bar;
- * select “visit beyond campus,” at lower right;
- * double-click “K-12;” at upper right;
 - video or text courses from high schools in Arizona, Maine, Michigan, East Orange NJ, Hunterdon NJ, Montclair NJ, Perth Amboy NJ, Union City NJ, Pennsylvania, and Utah.

To store course-lesson video:

- * select state source; see Stanford procedure above.

6.3) DIRECT FROM COLLEGES.

a) **24 U.Calif. at Berkeley** courses; many video lessons:

<http://webcast.berkeley.edu/courses.php>

To store lesson video:

- Click orange button on right to select video of desired course.
- Pick desired lecture and right click its URL.
- Click “save target as;”
- Select storage folder on left.

Insert file name and click “save.”

b) **Yale U.:** 7 video courses; multiple lessons:

<http://oyc.yale.edu/courselist>

To store course-lesson video:

- * double-click course;
- * select “downloads” (in left column);
- * pick a lesson; double-click a bandwidth;
- * select “save;” select file name;
- * wait for download to complete;
- * using Explore, copy desired video from Download to portable Flash Drive or DVD.

When disconnected from internet,

- * on computer, read from Flash Drive ;
 - double click desired video, sending it to QuickTime video player; or convert to file type m4v for itunes video player.
- * or show DVD on computer, or (via DVD player) on TV

c) **Other colleges and courses:**

- * Find other OpenCourseWare Consortium colleges in many countries, including Spain, France, Taiwan, and

Japan. See <http://www.ocwconsortium.org/> (click “members” in upper bar).

- * Find other OpenCourseWare Consortium courses See <http://www.ocwconsortium.org/> (click “find courses,” upper right).

- * Find MIT Online courses downloaded for you. MIT offers free copies of all course content and video and audio lectures that are currently available on the MIT OCW web site, on an external hard drive, with content updates twice a year.

Contact: Ms. Yvonne Ng, External Outreach Manager, OpenCourseWare MIT; Email: yng@mit.edu
<http://ocw.mit.edu> <<http://ocw.mit.edu/>
<http://ocw.mit.edu/highschool> - for High School

- * Find other sources on iTunes U. See http://www.apple.com/education/itunesu_mobilelearning/beyondcampus.html ; select “visit beyond campus on iTunes U,” lower right; click Universities and Colleges on left.

6.4 Curriki

<http://www.curriki.org/xwiki/bin/view/Main/> is an online environment created to support the development and free distribution of world-class educational materials. The online community gives teachers, students and parents universal access to a wealth of peer-reviewed K-12 curricula, and powerful online collaboration tools (thousands of course sessions and considerable animation/simulation).

To store videos. See YouTube (a) MIT Videos

To store interactive courseware. Some of the valuable courses are not simple videos, but are interactive, *complete “Learning Objects”* and are stored on the system as a compressed archive (ZIP file.) You can download this file but then need to de-compress it into its folders and parts. Most OS’s now come with a way to decompress ZIP files, or you can use a utility like PKZIP to do this.

A download procedure for Curriki *complete “Learning Objects:”*

- Starting at <http://www.curriki.org/xwiki/bin/view/Main/>

find a desired course by selecting “advanced search” (top of page) and then specify “animation/simulation” as “instruction type”

- Select a lesson (not the course) and then begin the lesson (bottom of page).
- Click the page URL (top of page) and then delete everything after <.zip/>.
- Double click the remaining URL, and double-click the zipped-file symbol; or copy that URL to Google search; Click “go”; select “open” to unzip file.

When you thus extract the archive you will get a folder with lots of files and sub-folders. Inside one of them is a file called “lessonp.html”

If you copy the entire directory tree for the archive (once extracted) to your portable storage device (DVD, or Flash Drive), it is the lessonp.html file that is the “Start file” for the learning object. Run/open (double click) this to use the lesson off-line. This is an interactive lesson that runs inside a web browser and requires the Flash Plug-In.

6.5 MERLOT <http://www.merlot.org/merlot/index.htm> is a user-centered, searchable collection of peer reviewed and selected higher education, online learning materials, catalogued by registered members and a set of faculty development support services. MERLOT's vision is to be an online community where faculty, staff, and students from around the world share their learning materials and pedagogy (thousands of course sessions and considerable video).

6.6 UCCP <http://www.uccp.org/> University of California college prep courses are freely available for students and educators to use as supplemental or complementary material (11 prep. courses, many course sessions).

6.7 Annenberg Media

<http://www.learner.org/index.html>

Annenberg Media uses media and telecommunications to advance teaching in American schools. Their workshops and courses provide authoritative professional development, and are designed to strengthen the professional credentials of educators at all levels.

Use of the workshop and course materials is free. Video programs are available, viewed as Video, on Demand (VoD) on <http://www.learner.org/resources/browse.html> .

Print guides are downloadable in PDF format.

Over 100 resources (videocassettes, DVDs, and print guides) are also available for purchase (not free) from the catalog: <http://www.learner.org/catalog/catalog.html> .

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