

Viewing Samples of Free Online Courses¹

Suggested use ratings:

ES=grades 1-8 level; HS=grades 9-12 level; AP=Advanced Placement
CC=Introductory College level; C= College level; AC=Advanced College level

GENERAL

HS-Curriki: Greenhouse Effects

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

advanced search: Greenhouse Effects, animation/simulation

double-click “video: Greenhouse Effects;” Find (below) “To begin the video, click here”

HS-Curriki: Cost-Benefit Analyses

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

advanced search: Cost-Benefit Analyses, animation/simulation

double-click “animation: cost benefit analysis;” Find (below) “To begin the video, click here”

HS-Arizona: Paradise Valley USD Science, 69 lessons

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

click “visit beyond campus (lower right);” select “Find Education = K-12 (lower left);” select “Arizona;” then “science;” double click selected course; double-click selected lesson.

HS-N.J. Hunterdon: Health and Phys Ed, 11 lessons

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

click “visit beyond campus (lower right);” select “Find Education = K-12” (lower left); select “Hunterdon;” double click selected course; select lesson; double-click “get movie”; wait for download (rotation symbol) to complete; double-click “get movie”; wait for download (rotation symbol) to complete; find desired course under “Playlists” (in left column) and double-click it; double-click desired lesson.

HS-N.J. Montclair: Excel Tutorial, 4 lessons

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

click “visit beyond campus (lower right);” select “Find Education = K-12” (lower left); select “Montclair;” double click selected course; double-click desired lesson.

HS-N.J. Montclair: One Person Can Make a Difference, 6 lessons

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

click “visit beyond campus (lower right);” select “Find Education = K-12” (lower left); select “Montclair;” double click selected course; double-click desired lesson.

HS-Utah Electronic: Block a Bully, 1 lesson

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

click “visit beyond campus (lower right);” select “Find Education = K-12” (lower left); select “Utah;” double click selected course; select lesson; double-click “get movie”; wait for download (rotation symbol) to complete; Using Explore, find desired lesson in desktop/username/Music/iTunes/iTunesMusic/Movies; double-click desired lesson.

MATH

HS-N.J. Perth Amboy: Algebra, 5 lessons

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

click “visit beyond campus” (lower right); select “Find Education = K-12” (lower left); select “Perth Amboy;” double click selected course; double-click selected lesson.

¹ See terms of use at <http://ocw.mit.edu/OcwWeb/web/terms/terms/index.htm#cc>

HS-Curriki: Algebra 1B, 16 lessons

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

advanced search: Algebra 1B, mathematics, animation/simulation

double-click desired lesson; Find (below) "To begin the lesson, click here"

CC-Miami Dade: Algebra and Trigonometry, 21 lessons

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

click "visit beyond campus (lower right);" select "Universities an Colleges" (lower left);

select "Miami Dade College;" double click selected course; double-click desired lesson.

CC-Florida Community College: Mathematics, 110 lessons

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

click "visit beyond campus (lower right);" select "Universities an Colleges" (lower left);

select "Florida Community College;" double click selected course; double-click desired lesson.

AC-MIT 18.06 Linear Algebra, Spring 2005, 34 lessons

http://www.com/profile_videos?search_query=18.06&user=MIT&page=1

double-click desired lecture.

AC-MIT 18.03 Differential Equations, Spring 2006, 32 lessons

http://www.youtube.com/profile_videos?search_query=18.03&user=MIT&page=1

double-click desired lecture.

ENGLISH

CC-Florida Community College: English, 24 lessons

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

click "visit beyond campus (lower right);" select "Universities and Colleges" (lower left);

select "Florida Community College;" double click selected course; double-click desired lesson.

C-Yale English 310: Modern Poetry, Spring 2007, 25 lessons

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

double-click Engl 310; click "view class sessions" (below); double-click selected session;

double-click video options (Flash/recommended, below).

SOCIAL STUDIES

HS- Curriki: The First Americans, a lesson

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

advanced search: the First Americans, social studies, animation/simulation

double-click "the First Americans;" Find (below) "To begin the video, click here"

C-Berkeley PACS 164A, Introduction to Non Violence A, 28 lessons

http://www.youtube.com/profile_videos?user=ucberkeley&search_query=164A&search=Search

double-click desired lecture.

C-Berkeley PACS 164B, Introduction to Non Violence B, 28 lessons

http://www.youtube.com/profile_videos?user=ucberkeley&search_query=164B&search=Search

double-click desired lecture.

AC-Yale Phil 176: Death, Spring 2007, 26 lessons

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

double-click Phil 176; click "view class sessions" (below); double-click selected session; double-click video options (Flash/recommended, below).

C-Yale Psyc 110: Introduction to Psychology, Spring, 2007, 20 lessons

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

double-click Psyc 110; click "view class sessions" (below); double-click selected session; double-click video options (Flash/recommended, below).

BIOLOGY

C-Lehigh Univ.: BioScience in 21st Century, 35 lessons

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

click "visit beyond campus (lower right);" select "Universities and Colleges" (lower left); select "Lehigh University;" double click selected course; double-click desired lesson.

C-MIT 7.014 Introductory Biology, Spring 2005. 34 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=7.014&search=Search

double-click desired lecture.

C-Berkeley Integrative Biology 131, 40 lessons

http://www.youtube.com/profile_videos?user=ucberkeley&search_query=131&search=Search

double-click desired lecture.

CHEMISTRY

HS-Utah Electronic: Chemical Reactions, 19 lessons

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

click "visit beyond campus" (lower right); select "Find Education = K-12" (lower left); select "Utah;" double click selected course; double click selected lesson.

C-MIT 5.112 Principles of Chemical Science, Fall 2005, 36 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=5.112&search=Search

double-click desired lecture.

C-MIT 5.301 Chemistry Lab Techniques, 10 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=5.301&search=Search

double-click desired lecture.

PHYSICS

C-MIT 8.01 Physics I, Classical Mechanics, Fall 1999, 35 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=8.01&search=Search

double-click desired lecture.

AC-MIT 8.03 Vibrations and Waves, Fall 2004, 23 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=8.03&search=Search

double-click desired lecture.

C-MIT 8.02 Electricity and Magnetism, Spring 2002, 36 lessons

http://www.youtube.com/profile_videos?user=MIT&search_query=8.02&search=Search

double-click desired lecture.

C-MIT Walter Lewin Promo

http://www.youtube.com/profile_videos?user=MIT&search_query=walter&search=Search

double-click desired lecture.

C-Berkeley Physics 10, 26 lessons

http://www.d.com/profile_videos?user=ucberkeley&search_query=10&search=Search

double-click desired lecture.

AC-Stanford Modern Physics:

Classical Mech. 9 lessons.; Quantum Mech. 10 lessons; Special Relativity 8 lessons

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

click "Open Stanford on iTunes U" (upper right); click Stanford Courses = "See All" (upper right);

select course = "Modern Physics"; select one of 3 sections (top of list); select and double-click desired lesson.

INFORMATION TECHNOLOGY

C-MIT Internet Technology

http://www.d.com/profile_videos?user=MIT&search_query=internet&search=Search

double-click desired lecture.

C-Stanford: Human-Computer Interaction Seminar, 9 lessons

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

click "Open Stanford on iTunes U" (upper right); click Stanford Courses = "See All" (upper right);

select course = "Human-Computer Interaction"; select one of 4 sections (top of list);

select and double-click desired lesson.

C-Berkeley CS 162: Operating Systems and Systems Programming, 30 lessons

http://webcast.berkeley.edu/course_details.php?seriesid=1906978499

pick desired lesson; double click left yellow box (view archived webcast);

click "open"; video will start in Real Player.

AC-Berkeley CS 61A: Structure and Interpretation of Computer Programs, 36 lessons

http://webcast.berkeley.edu/course_details.php?seriesid=1906978502

pick desired lesson; double click left yellow box (view archived webcast);

click "open"; video will start in Real Player.

AC-Berkeley CS BL: Data Structures and Programming Methodology, 13 lessons

http://webcast.berkeley.edu/course_details.php?seriesid=1906978501

pick desired lesson; double click left yellow box (view archived webcast);

click "open"; video will start in Real Player.

AC-Berkeley CS 61C: Machine Structures, 39 lessons

http://webcast.berkeley.edu/course_details.php?seriesid=1906978500

pick desired lesson; double click left yellow box (view archived webcast);

click "open"; video will start in Real Player.

POLITICAL SCIENCE

HS-Curriki: American Democracy

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

advanced search: Democracy, animation/simulation

HS-Curriki: Freedom of Speech

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

advanced search: Freedom of Speech, social studies, animation/simulation

double-click "Freedom of Speech ;" Find (below) "To begin the video, click here"

HS-Curriki: Freedom of the Press

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

advanced search: Freedom of the Press, animation/simulation

double-click “Freedom of the Press;” Find (below) “To begin the video, click here”

HS-Curriki: U.S. Federal Court System

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

advanced search: Courts, animation/simulation

double-click “U.S. Federal Court System ;” Find (below) “To begin the video, click here”

HS-Curriki: Philosophy of the American Revolution

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

advanced search: the Philosophy of the American Revolution, animation/simulation

double-click “Philosophy of the American Revolution ;” Find (below) “To begin the video, click here”

C-Yale Plsc 114: Intro. to Political Philosophy, 24 lessons

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

double-click Plsc 114; click “view class sessions” (below); double-click selected session;

double-click video options (Flash/recommended, below).

HISTORY

HS-Curriki: The Decade of Crisis; Slave Resistance, Compromise of 1850

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

advanced search: the Decade of Crisis, social studies, animation/simulation

double-click “The Decade of Crisis ;” Find (below) “To begin the video, click here”

C-Stanford: The Modern Freedom Struggle, 19 lessons

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

click “Open Stanford on iTunes U” (upper right); click Stanford Courses = “See All” (upper right);

select course = “The Modern Freedom Struggle”; select and double-click desired lesson.

TECHNOLOGY AND ENGINEERING

CC-Florida Community College at Jacksonville: Dental Programs, 16 lessons

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

click “visit beyond campus (lower right);” select “Universities and Colleges” (lower left);

select “Florida Community College at Jacksonville;” double click selected course; double-click desired lesson.

CC-SUNY-ESF: Energy for the Future, 3 lessons

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

click “visit beyond campus (lower right);” select “Universities and Colleges” (lower left);

select “SUNY-ESF;” double click selected course; double-click desired lesson.

CC-Florida Community College at Jacksonville: Medical Lab Technology, 5 lessons

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

click “visit beyond campus (lower right);” select “Universities and Colleges” (lower left);

select “Florida Community College at Jacksonville;” double click selected course; double-click desired lesson.

C-Michigan Tech: Environmental Engineering, 12 lessons

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

click “visit beyond campus (lower right);” select “Universities and Colleges” (lower left);

select “Michigan Technological Univ.,” double click selected course; double-click desired lesson.

C-MIT 6.002 Circuits and Electronics, Spring 2007, 25 lessons

http://www.com/profile_videos?search_query=6.002&user=MIT&page=1
double-click desired lecture.

C-MIT 6.013 Electromagnetics, 27 lessons

http://www.youtube.com/profile_videos?search_query=electromagnetics&user=MIT&page=1
double-click desired lecture.

C-Stanford Intro to Linear Dynamical Systems, 20 lessons

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

C-Duke EGR 10: Introduction to Engineering, 12 lessons

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

click “visit beyond campus (lower right)”; select “Universities and Colleges” (lower left);
select “Duke”; select Topics = “Engineering”; double click selected course, EGR 10; select lesson;
double-click “get movie”; wait for download (rotation symbol) to complete;
find desired course under “Playlists” (in left column) and double-click it; double-click desired lesson.

C-Berkeley EE40 Introduction to microelectronic Circuits, 43 lessons

http://webcast.berkeley.edu/course_details.php?seriesid=1906978508

pick desired lesson; double click left yellow box (view archived webcast);
click “open”; video will start in Real Player.

FINANCE/BUSINESS

ES-MERLOT: Penny Wise; History of Money

<http://taste.merlot.org/>

advanced search: Key Words = “K-12 Financial Literacy”, Technical Format = “video”;
click “Pennywise,” “go to material;” select “History of Money”/“Real Player”

ES- MERLOT : Penny Wise; Banking Concepts

<http://taste.merlot.org/>

advanced search: Key Words = “K-12 Financial Literacy”, Technical Format = “video”;
click “Pennywise,” “go to material;” select “Banking Concepts”/“Real Player”

ES- MERLOT : Penny Wise; Financial Concepts

<http://taste.merlot.org/>

advanced search: Key Words = “K-12 Financial Literacy”, Technical Format = “video”;
click “Pennywise,” “go to material;” select “Financial Concepts”/“Real Player”

ES- MERLOT: Penny Wise; Personal Budgeting

<http://taste.merlot.org/>

advanced search: Key Words = “K-12 Financial Literacy”, Technical Format = “video”;
click “Pennywise,” “go to material;” select “Personal Budgeting”/“Real Player”