



Learning with Technology in the 21st Century



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I am an Information Professional and Educator. Today, I will be discussing, How to Learn with Technology in the 21st Century. The online learning opportunities have never been so accessible, to so many, as they are today. Let's start our exploration.

Life-Long Learning Opportunities

Vocabulary:

- Audio Books
- eBooks
- MOOCs
- Podcasts
- Open Learning
- Online Learning Environments
- Video Podcasts
- Video Tutorials
- Webinars

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I do not have to tell this group the importance of being a Life-Long Learner, you all are living proof of it. Here are some of the different learning platforms that are available to you through technology that access Internet. This list of terms are used for the different online learning experiences. For some of you, these terms might be new vocabulary, while others have first hand experience with them. By the time we are finished today, you all will have a greater understanding of what each of these terms or acronyms are and seen them in action.

We all learn in different ways. In the world education, we call this learning styles. Some of you are oral learners and would benefit from listening to information, so an Audio Book might be the right learning tool for you. Will others of you are more visual learners and an eBooks (Electronic Books) is more your style.

Then there are those who are tactile learners and could benefit from step-by-step video tutorials. I myself am an oral learner and I just love listening to Podcast or watching Video Podcasts. I will be explaining what Podcasts are a little later in the presentation.

A new movement in education in is something called MOOCs - which stand for Massive Open Online Courses. Some of the top Universities around the world are offering free online courses that are part of the MOOCs movement. The word Open means a free.

Open Learning: Is an approach to learning that gives people flexibility and choice over what they learn, when and where they learn it, at their own pace, and how they will learn it. Open learning often includes aspects of e-learning, which is electronic learning. [http://www.webopedia.com/TERM/O/open_learning.html]

Most Online Learning Environments are Open, Participatory, Distributed & Supports Life-Longing. This style of learning has also been referred to as Network Learning.

Other online learning environments utilize video in the form of classes or tutorials. Some of these platforms are part of the Open Learning Movement and while others

Life-Long Learning Opportunities Online

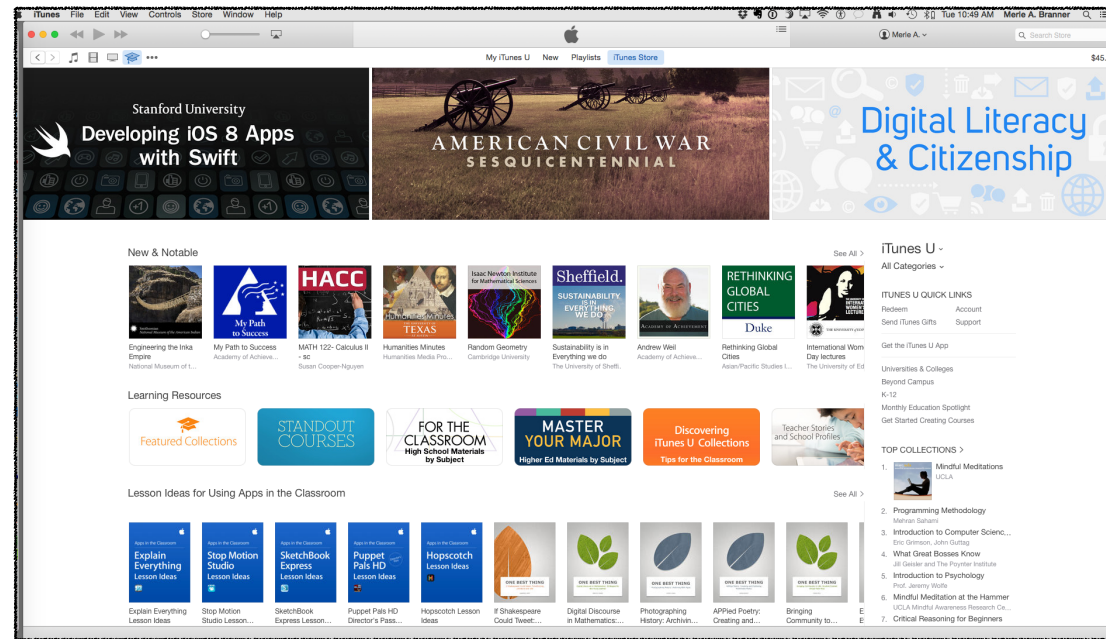


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Knowledge, has never been so accessible to so many, no matter ones economic status. These logos all represent some form of the online learning opportunities that are out there. In this presentation we will explore of some of these online platforms.

MOOCs - iTunesU



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iTunes U by Apple is a learning platform in the MOOCs movement. This platform offers both learning opportunities for the K-12 environment, along with University & Adult Learning. iTunes U offers both course and tutorials. This is an open environment, which means it is free.

The technology required for iTunes U is any computer - Mac or Windows, or any IOS Devices - like an iPad, iPhone or iPod Touch. You cannot access iTunes U from an Android device. Now, let's take look at iTunes U.

You can read reviews by others who taken the class and if you want to take the class choose Subscribe. You download the class and work through it at your own pace. Some classes have assignment that you turn in to an instructor, while others do not. Their might me handouts or other written material to download.

MOOCs - Coursera



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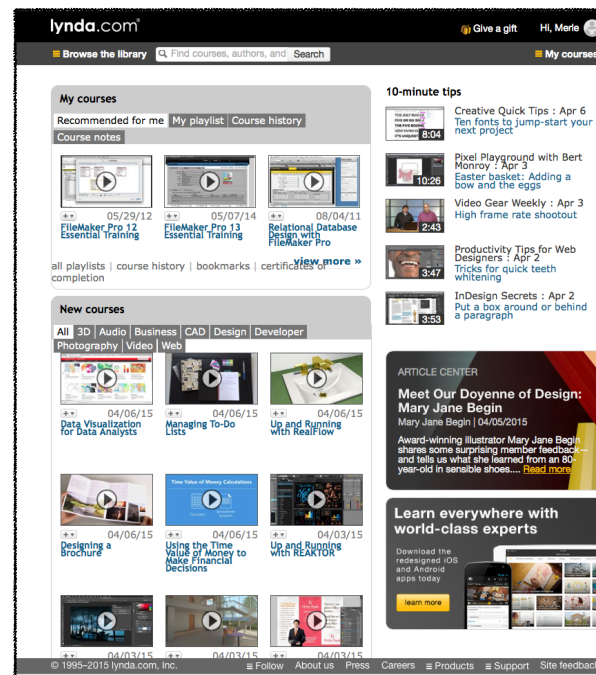
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Coursera is another learning environments in the MOOCs movement. It is an online learning platform that is Open which is Free. It can be accessed through the Internet via any computer, IOS device, or an Android device.

What I like about Coursera is that they have video introduction to each of their courses.

Let's take a look:

Video Tutorials - lynda.com

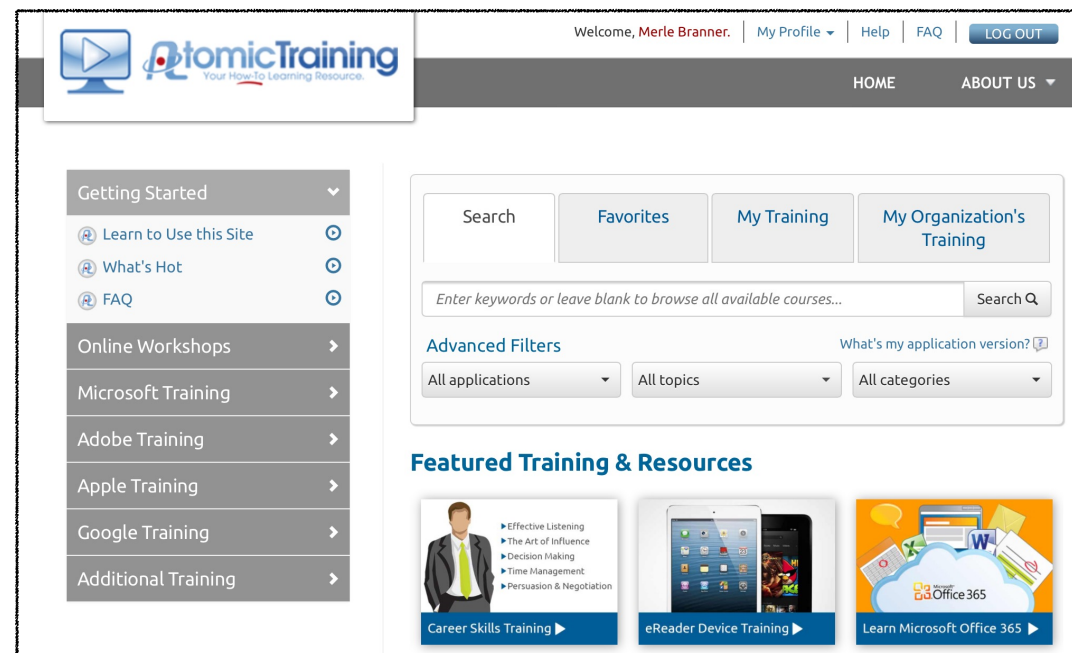


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For those oral, visual and tactual learners, you would enjoy the video tutorials and classes from lynda.com. It is a great services that most libraries have a scripting to. This service normally would run you \$25.00 per month for their entire catalog. A library card from your local public library will provide you with free access to the entire catalog this service. Lynda.com covers subjects in the area of Computer Technology, Photography, Video, Web, Programing, Design, Business, 3D, and CAD (Computer Aided Design). The technology requirement for lynda.com is any computer either a Mac or PC, any Tablet - IOS or Android with Internet access. Just note some libraries have restricted access to this resources available only when you are at the library, while others let you access it remotely. The Skokie Library now has remote access.

Each of the videos have an introduction, that is the over view of what you will learn in the course. What is so nice about these courses is that you do not have to take them in chronological order, if you just want to learn one aspect of the program,program just start at that point of interest.

Video Tutorials - Atomic Training



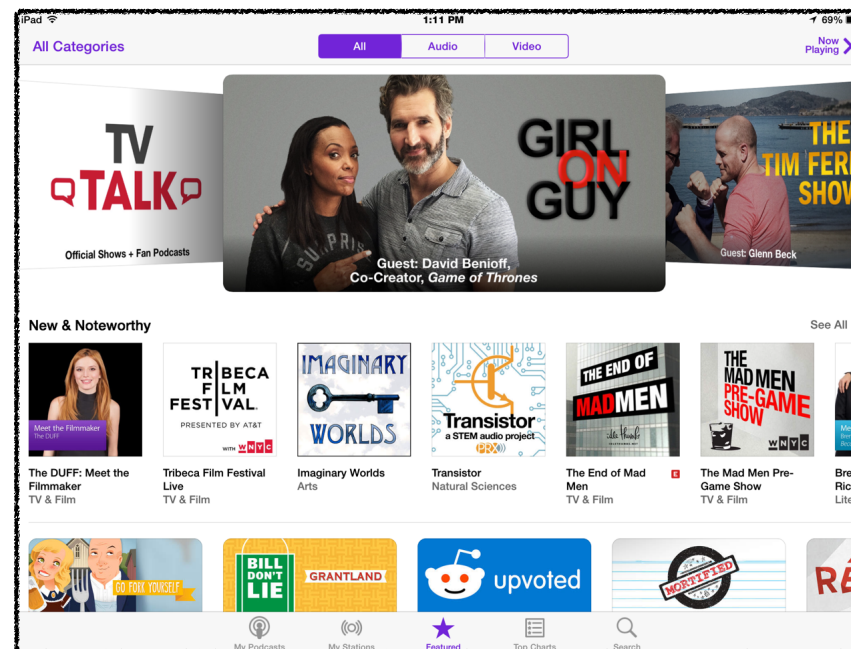
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Another, video tutorial learning platform that is also a paid services is Atomic Training. This is another resource that many of the public libraries have a subscription to. I use my Highland Park Public Library card to access this service for free remotely. They offer tutorials and workshops on Computers & Devices, Career Skills, Internet use, Multimedia Training, Digital Imaging, Effective Presentation Design and Apps. They have other topics like leadership, music, online learning and so more.

To use Atomic Training the technology requirements are any computer eMac or PC, a Tablet IOS or Android along with Internet access. Let's take a look at Atomic Training.

Podcasts & Video Podcasts



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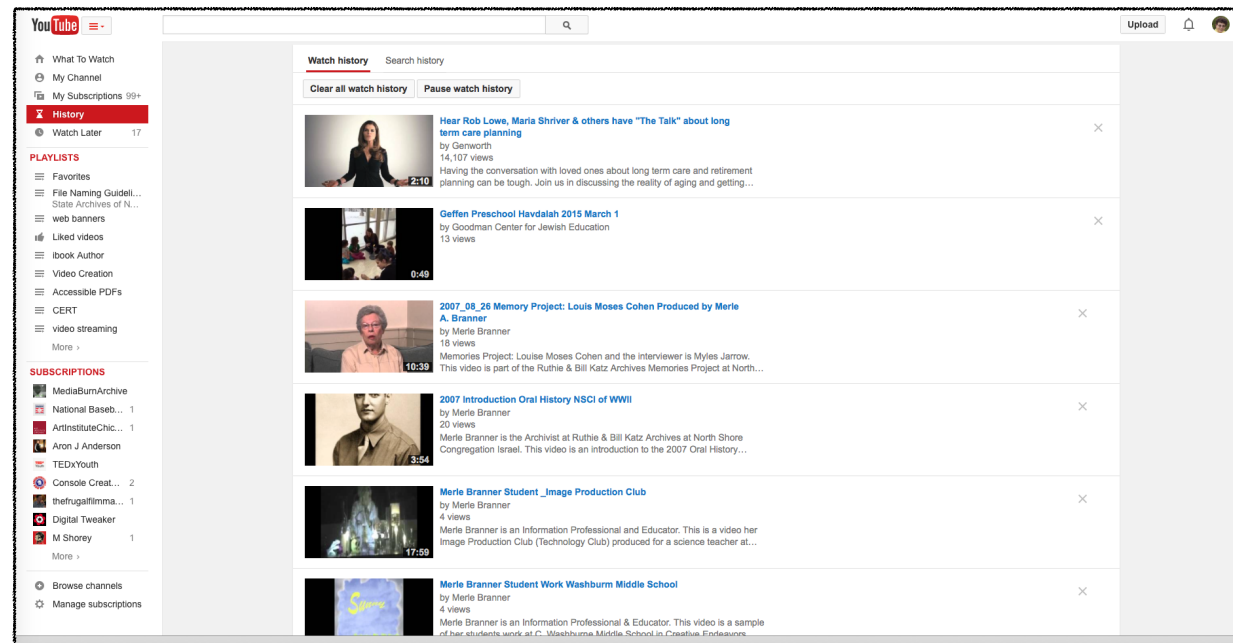
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Merriam Webster Dictionary defines "podcast" as: a program (of music or talk) made available in digital format for automatic download over the Internet.
<http://www.merriam-webster.com/dictionary/podcast> Retrieved April 7, 2015.

There are two types of Podcasts. One is a straight audio Podcast like a radio talk show and the other is a Video Podcast, which is like watching a talk show on a TV. Podcasts can be informative or entertaining. There are a wide variety of subjects to choose from. I myself have listen and/or watch different Podcasts in the area of technology and education on a regular basics. You subscribe to Podcast and it is either atomically download to your device or you can choose to download them manually.

The technology requirements for listening or watching Podcasts are any type of computer, MP3 Player, iPod, any IOS Devices, Android device, or a Smart Phones. I listen or watch through the Apple Podcast App. Let's take a look and listen to some Podcasts:

Video Tutorial - YouTube



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Finally, I like to talk to you about Youtube. It is not just a place to go to watch funny videos or listen and watch music but it is a place to learn, how to do something. For example like taking photographs at night. Let's go and see how to do this using YouTube video tutorials.

Demo:

Type in taking photo's at night. Now, the videos on Youtube are more hit and miss when it come to quality of information and video techniques but you can find great resources on the video sharing service. Let's take a look:

Questions

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Thank you are there any questions?