

Learning Online

You're Never Too Old

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Learning Online

- How many of you think:
 - you can't teach an old dog new tricks

Learning Online

- How many of you think:
 - you can't teach an old dog new tricks
 - learning never stops

Learning Online

- How many of you think:
 - you can't teach an old dog new tricks
 - learning never stops
 - exercising your brain keeps you young

Learning Online

- "Ongoing learning may slow cognitive decline in older age"
- By challenging your brain, you can reap the rewards of learning throughout life.
- The question should not be 'Can you teach an old dog new tricks?' But 'What tricks should we teach the old dog?!'.

<https://www.activememory.com/news/2014/why-your-brain-needs-to-keep-learning>

Learning Online

- Why now?
 - more time (Phillip may argue!)
 - lots more opportunities at low/no cost
 - tools at hand: computers/devices, Internet

Learning Online

- Bill's story – 1988
 - 84
 - Homebound
 - Wheelchair
 - Legally Blind
 - Earned his degree

Since Bill, the world has exploded with opportunities

Learning Online

- First computer based learning:
 - When was the first one --- ?

HISTORY of eLEARNING

1924



THE FIRST
"TESTING
MACHINE"

Ohio State University professor Sidney Pressey invented the "Automatic Teacher," the first device in electronic learning. It was an abacus before.

1954



THE FIRST
"TEACHING
MACHINE"

Harvard professor W. S. Steiner creates the "teaching Machine" for use in schools.

1960



COMPUTER-
BASED
TRAINING

PLATO—Programmed Logic for Automated Teaching Operations—was the first computer-based training (TBT) program. It offered drills and the ability to rate questions. The cost: \$10,000.

1966



C.A.I. IN
SCHOOLS

Stanford University psychology professors Patrick Suppes and Edward C. Anderson began using computer-aided instruction (CAI) to teach math and reading to young children in Palo Alto elementary schools. Bernard Lickin worked with Stanford University to install the first computer in a community college for instructional use.

1969



ARPANET
HERALDS
INTERNET

US Department of Defense commissioned ARPANET to create the Internet.

1970



COMPUTER
MOUSE &
G.U.I.

Computer mouse and the GUI are invented, helping to define "teaching computing." Computer-based training (TBT) begins at the New Jersey Institute of Technology.

1980s



PC'S BEGIN
WITH THE
FIRST MAC

Personal computer era begins with Macintosh. Online communities begin sharing information, slowly getting the way toward e-learning.

1990s



THE FIRST
"DIGITAL
NATIVE"

The first "digital natives" are born. Email takes off. It's the dawn of a new era in learning. Virtual learning environments begin, and "e-learning" becomes a widely recognized term.

2000s



BUSINESSES
ADOPT
eLEARNING

Businesses begin selling and e-learning courses as a central way to train workers. Authoring tools are more accessible than ever, and a wide range of online learning opportunities are available.

2010+



SOCIAL,
ONLINE
LEARNING

A new wave of e-learning inspired by social media builds momentum. YouTube, Twitter, Moodle Open Online Course (MOOC), Knowledge Share & 12pm Opportunities to connect, share information, and learn from each other are found everywhere.



Learning Online

- First computer based learning:
 - When was the first one --- ?
 - 1960 - PLATO, University of Illinois
 - Programmed Logic for Automated Teaching Operations

First touch screen – 1974

PLATO IV



PLATO IV – 41 years ago!

- The device also helped establish key online concepts:
- forums, message boards, online testing, e-mail, chat rooms, picture languages, instant messaging, remote screen sharing and multi-player games.
- Downside: expensive and only in institutions – until: PC and the Internet

Learning Online - Today

- Formal and informal
- Free and fee
- Short and long
- any time or scheduled
- Interactive or individual

Caveat

I'm not endorsing any of these providers.

It is a case of what fits your needs and interests.

This is merely a list of what's possible.

Today's Online Options

Moocs

YouTube 'how to XXX' videos, Education section, [#lifelonglearning](#) (note the hashtag!)

Coursera.org

iUniversity - Apple

Microsoft Academy - Office 365

<http://www.microsoftvirtualacademy.com/product-training/office>

Today's Online Options – cont.!

ehow

yourlifechoices

godigi.org.au

U3A Online

Broadband for Seniors Training online:

<http://staging.necseniors.net.au/tutor/index.html>

Tafe online <http://www.opencolleges.edu.au>

MOOCs

- Just because I like the name
- Massive Open Online Courses
 - Massive in numbers of participants
 - Open to anyone
 - Online access
 - Courses of study, not just short 'how to'

MOOC Lists

- http://www.bdpa-detroit.org/portal/index.php?Itemid=20&catid=29:education&id=57:moocs-top-10-sites-for-free-education-with-elite-universities&option=com_content&view=article
- <http://bookboon.com/blog/2013/12/moocs-list-8-best-massive-open-online-courses-worldwide/>
- <https://www.mooc-list.com/>

More...

- Open Culture - <http://www.openculture.com/freeonlinecourses>
MOOCs, Unis, collection from range of sources
- EdX - <https://www.edx.org/>
 - Scheduled collection; founders: Harvard&MIT
- Coursera - <https://www.coursera.org/>
 - Melbuni, UWA, UNSW

Seek Learning

- Online and in person
- A 'broker' for other groups
- Not free
- <http://www.seeklearning.com.au/>

Australian Providers

- Why? Easy to contact
- Accredited, if that is important to you
- Tailored to Australian content
- UNI: <https://www.open2study.com/courses>
- TAFE: <http://www.opencolleges.edu.au/> Not free

The Granddaddy - OU

- Open University – UK
- Huge selection
- <http://www.open.edu/openlearn/>
- Getting started:
 - <http://www.open.edu/openlearn/about-openlearn/welcome-openlearn-free-learning-the-open-university>

Languages?

- Alison
- <http://alison.com/subjects/27/Languages>
- Lots more
- Free

iTunes U

- Let's look what's available
 - <https://itunes.apple.com/au/genre/itunes-u/id40000000>
- Getting the Windows App:
 - <https://www.apple.com/au/itunes/download/>
- Cons:
 - HARD to find the starting point
 - Used to be able to see video w/o apple ID
- Pros: LOTS of material

For Kids/Grandkids/(you) - Khan Academy

- <https://www.khanacademy.org/>
- Free
- All Levels
- GREAT partner institutions -
 - Met Museum of Art
 - British Museum
 - Exploratorium, etc.

Microsoft

- <http://www.microsoftvirtualacademy.com/>
- For beginners and later
- More technical

Lynda

- <http://www.lynda.com/default.aspx>
- For a fee, but can trial
- Well known for computer skills
- Over 3000 video courses

Broadband for Seniors

- Gov. sponsored program
- <http://www.necseniors.net.au/>
- Online Lessons and Webinars:
 - <http://www.necseniors.net.au/training-resources/online-lessons/>
 - <http://www.necseniors.net.au/training-resources/webinars/>

U3A Online

- <https://www.u3aonline.org.au/home>
- Separate from the in person centres
- Independent study and w/ course leader
- W/ leader are scheduled times of course

GoDigi

- Learn and/or teach
- <https://www.godigi.org.au/>
- Short and snappy
- Skills focused
- Series of 'guides'

GCF LearnFree

- <http://www.gcflearnfree.org>
- LOTS of computer skills topics
- But a few other topics, too

YouTube - 'How to xxx'

- Youtube short videos
- Search: How to [.....]
- Usually short and to the point
- Replay as you practice

OR

- Education Channel
 - <https://www.youtube.com/channel/UC3yA8nDwraeOfnYfBWun83g> (left side column of Youtube)

Learning Online - Summary

- LOTS of options
- Anywhere, any time, any subject/topic
- Long, short, formal, informal
- Local and global
- It's a whole new world. Go explore!

Questions/comments?

Thanks!