

General Training / Knowledge

Coursera

<https://www.coursera.org/>

General purpose online learning resource. Contains both Liberal Arts and STEM related courses.

Digital Public Library of America

<https://dp.la/>

Online "E-brary" containing content from the NY Public Library, Library of Congress, etc.

Khan Academy

<https://www.khanacademy.org/>

General purpose online learning resource. Focuses on Liberal Arts & mathematics.

Internet Archive's Open Library

<https://openlibrary.org/>

Online "E-brary" containing both fiction and non-fiction books.

MOOC

<http://mooc.org/>

Massive Open Online Courses. Many are free. Some are paid.

Project Gutenberg

<https://www.gutenberg.org/>

Online repository of Public Domain works.

IT Certification

Guide to IT Certification

Tom's IT Pro -- Best IT Certifications

<http://www.tomsitpro.com/articles/best-it-certifications,1-1352.html>

Overview of certifications grouped by subject matter. Includes a description of the subject matter and overall benefits of certification in this sub-field (number of job postings which mention the certificate and average salary for certificate holders). Each sub-entry lists the skills required to pass the exams, links to training materials, and shows the current exam cost.

Tom's IT Pro -- Career Paths & Certifications

<http://www.tomsitpro.com/articles/it-career-paths,1-1775.html>

Guides reader as to which certifications are required or suggested to attain a particular career within IT.

IT E-books

PacktPub

<https://www.packtpub.com/packt/offers/free-learning>

Free E-book offer. New book each day. Content cycles among books from most of their library every 9 months. New resources not included in rotation.

Microsoft E-book Giveaway

<https://blogs.msdn.microsoft.com/mssmallbiz/2017/07/11/largest-free-microsoft-ebook-giveaway-im-giving-away-millions-of-free-microsoft-ebooks-again-including-windows-10-office-365-office-2016-power-bi-azure-windows-8-1-office-2013-sharepo/>

Updated annually. This link references the 2017 Giveaway. Includes books across most major Microsoft domains.

Technology-oriented Training

CBT Nuggets

<https://www.cbtnuggets.com/>

CompTIA & Cisco training. Many of their videos are also available for free on their [Youtube Channel](#).

Cybrary

<https://www.cybrary.it/>

Technology-related learning resource. Contains many of the materials necessary for the CompTIA exams.

Professor Messer

<https://www.professormesser.com/>

CompTIA A+, N+, and Sec+ & MS 70-680 (MCSA Win7) training videos, PDFs and quizzes.

SANS

<https://www.sans.org/>

Cybersecurity / Disaster Recovery / Digital Forensics oriented training & whitepapers.

Open Web Application Security Project

https://www.owasp.org/index.php/Main_Page

Security tools and whitepapers

Defense Information Systems Agency (DISA) Security Technical Implementation Guides (STIGs)

<https://iase.disa.mil/stigs/Pages/index.aspx>

Security whitepapers and implementation guides.

Technology or Vendor-Specific

Amazon Web Services Educate

<https://aws.amazon.com/education/awseducate/>

Amazon-oriented training courses.

Amazon Web Services free tier

<https://aws.amazon.com/free/>

Amazon provides one year of limited AWS compute time & storage for students who register with their .edu address (abcs1@student.mtaloy.edu).

Google Grow

<https://grow.google/>

Google-oriented training courses and projects. Includes training for Google-oriented certifications (paid voucher required to take exam) and general business/technology courses.

Google Cloud free tier

<https://cloud.google.com/free/>

Similar to free tier of AWS for students. Limited compute time and storage for students who register with .edu address

Linux Academy

<https://linuxacademy.com/>

Linux-oriented training courses. [DistroWatch](#) and [LinuxQuestions](#) are excellent resources for choosing a distribution and acquiring the necessary ISOs.

SLES is used by ITS as its primary choice of server OS. A free trial version of SLES can be acquired from [SUSE](#). The trial is primarily for personal use, as our licensing agreement allows unlimited license keys for education-related, on-premise use. For personal use beyond the trial period, [openSUSE](#) is recommended as an alternative to SLES. OpenSUSE is the less mature / tested version of SLES and does not require a license key.

CentOS and Fedora are used interchangeably for particular Linux-focused classes.

Microsoft Virtual Academy

<https://mva.microsoft.com/>

Microsoft-oriented training courses. Microsoft's [Imagine](#) and [Technet](#) can provide the resources to complete these classes.