



Learning on a Budget



Mike Buhmann
Reference Librarian



Agenda

- *Library Offered Courses*
(available with your Skokie Public Library card)
- *Free Online Education*
(a selection)
- *College Courses/ MOOCs*





Offered through Skokie Public Library

The library subscribes to a number of services that provide free classes

<https://skokielibrary.info/resources/online-training-tutorials/>



EVENTS BOOKS, MOVIES, MORE RESOURCES SERVICES ABOUT 

Catalog **My Account**

HOME » RESOURCES » ONLINE TRAINING & TUTORIALS

ONLINE TRAINING & TUTORIALS

From learning software to mastering a language or polishing your career skills, our online resources offer training and tutorials that help you become the person you want to be.

MASTER TECHNOLOGY

[Lynda.com Online Learning Library](#)

Watch thousands of step-by-step online video tutorials on software, apps, media, marketing, business, and technology.

Download the Lynda.com app to use on mobile devices. Within the app, tap on Organization, select Web Portal, and type skokielibrary.info.

[Treehouse.com](#)

Learn from over 1,000 videos created by expert teachers on web design, coding,



DigitalLearn.org (SPL offered)

For people new to computers or who haven't used them for a while, DigitalLearn.org has tools to help tackle technology at a basic pace.

English | Español



Help Learners

Log In

Use a computer to do almost anything!

Choose a course below to start learning or search courses.

If you are new to computers, haven't used them for a while, are a little unsure and uncomfortable, or just need a bit of a refresher, we have the tools to help you tackle technology at your own pace and gain the confidence you need to succeed.

Starting Out

Why Use a Computer?

Reasons why you should take the time to learn about computers.

🕒 15 mins

Getting Started on a Computer

What a computer is and how to use a mouse and keyboard.

🕒 15 mins

Using a PC (Windows 10)

Navigating a Website



Lynda.com (SPL offered)

The go-to resource for up-to-date, how-to videos on hundreds of topics — everything from learning the basics of Photoshop to Motivational Speaking.

It features thousands of courses, with an average of 400 courses added every year and around 2 million members

Courses are offered via a series of brief videos, exercises usually included

Offered via a monthly subscription or free with a Skokie Public Library card





Lynda.com (SPL offered)

Lynda.com FROM LINKEDIN LIBRARY Hi Michael

We will update our Privacy Policy soon. Please see the preview. Close

Continue Watching

- Music Law: Copyrighting a Song**
26% Complete
- Google+ for Business**
9% Complete

My Playlists

See All

My Playlists is empty.
Add courses by clicking the + to save and watch later.

My playlist
0 Items

Popular Learning Paths

See All

- Become a Full-Stack Web Developer**
- Become a Design Business Owner**
- Become a Programmer**
- Become a User Experience Designer**
- Become an Excel 2013 Microsoft Office Specialist**
- Become a Content Marketer**

New Popular Recommended Popular at Your Organization

All Business Design Developer IT Marketing Web Photography Video ...

- Human Resources: Compensation and Benefits** with Wayne Cascio
Learn how to get compensation and benefits right. This course provides an overview of the strategic choices that employers...
1h 21m | Beginner | 9 hr ago
- CCNP Switching (300-115) Cert Prep: 2 Infrastructure Security and Services** with Greg Sowell
Validate your enterprise networking knowledge and expertise by earning a CCNP Routing and Switching certification. This...
50m 20s | Advanced | 9 hr ago



Lynda.com (SPL offered)

Lynda.com FROM LINKEDIN LIBRARY Search for the software or skills you want to learn Hi, Michael

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lynda.com » all subjects

LAB Golly
Illustrator
Final Cut
all subjects

#

2D Drawing
3D + Animation
3D Drawing
3D Printing

A

Accessibility
Accounting
Acoustics
Advertising
Analytics
Animation
Architecture
Audio + Music
Audio Effects
Audio Engineering
Audio for Video
Audio Foundations
Audio Plug-Ins
Automotive Design

B

B2B Marketing
B2C Marketing
Big Data
BIM
Black and White

3D + Animation
Audio + Music
Business
CAD
Design
Developer
Education + Elearning
IT
Marketing
Photography
Video
Web

Topics	Software	Learning Paths
Character Animation	3ds Max	Become a 3D Character Animator
Game Design	After Effects	Become an Asset Artist for Games
Materials	Blender	Become a 2D Digital Animator
Modeling	CINEMA 4D	Become a 3D Visual Design Specialist
Particles + Dynamics	Maya	See All
Product Design	Mudbox	
Rendering	Photoshop	
Textures	Unity	
Visual Effects	ZBrush	
See All	See All	

Take a guided tour



Lynda.com (SPL offered)

Lynda.com FROM LINKEDIN LIBRARY

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Types

All

Playlists

Learning Paths

Courses

Videos

Skill Level

Beginner (2,345)

Intermediate (2,279)

Advanced (962)

Appropriate for all (751)

Duration

Less than 10 min

Less than 30 min

Less than 1 hour

Subjects

Business (1,116)

IT (527)

Video (511)

Web (481)

Developer (439)


Design (410)

Photography (393)

Business Skills (382)

Web Development (295)


4,083 results for **job search** Sorted By : Best Match

 VIDEO

The state of **job search today (1m 37s)**

From: J.T. O'Donnell on Making Recruiters Come to You

- One of the things that we really need to understand today is just how much **job search** has changed in the last decade. If you think about it, back...


 COURSE

Job Hunting Online with Jolie Miller

Discover how to find your next job online using popular sites like LinkedIn, Monster, CareerBuilder, and even Twitter.

- Starting the job search (4m 42s)
- Using Twitter to search for jobs (5m 47s)

1h 56m Intermediate Views: 220,608

 COURSE

Job Search Strategies with Valerie Sutton

Teaches the latest techniques for finding the right position for your interests, skills, and experience.

- Using a job search agent successfully (2m 22s)
- The top five job search tips (1m 30s)
- Setting up job search agents (1m 38s)

37m 56s Appropriate for all Views: 283,292



Treehouse (SPL offered)

Treehouse offers beginner to advanced courses in web design, web development, mobile development and game development taught by a team of expert teachers.

Courses are aimed at beginners looking to learn coding skills for a career in the tech industry.

Check selection at:
team.treehouse.com





Treehouse (SPL offered)

Limited availability, need to request access from library



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TREEHOUSE.COM ACCESS

To access this resource, please fill out this form. Our Learning Experiences Manager will be in touch with further details.

Name*:

Library Card Number*:

Email Address*:

Phone Number:

[Submit](#)



Treehouse (SPL offered)



Home

Tracks

Library

Community

Support

My Org

Workspaces

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Welcome to Tracks

Tracks are a customized list of courses and workshops that provide a guided learning path for a particular subject. Each course or workshop in a Track builds on the previous one, so that as you progress through a track you gain a solid understanding of the topic.



44 hours

Track Web Design

In this track, we'll learn everything necessary to build basic websites. The code of every website is split into three layers:...

Resume



37 hours

Track Java Web Development

Learn how to develop data-driven web applications and RESTful APIs with Java.

Switch



27 hours

Track Intermediate iOS Development

Continue your journey as we dig deeper and deeper into the



25 hours

Track Learn C#

Learn the C# programming language and the .NET Framework



Mango Languages (SPL offered)

Lessons in 60-plus languages, including English. Includes specialty courses, such as medical Spanish, Shakespearean English and full-length theatrical movies with subtitles and enhanced instruction. Download the Mango Languages app to use on mobile devices.

The screenshot shows the Mango Languages website interface. At the top, there is a navigation bar with the Mango Languages logo on the left, and links for Feedback, Translate, and a user greeting (Hello, guest! Log in.) on the right. Below the navigation bar, the main content area features the text "72 Languages" in a large, orange font, followed by the tagline "Pick one and conquer the world." Below this, there is a horizontal menu with icons and labels for "Top languages", "All languages", "Learn English", "Specialty Courses", "All Movies", and "Kids". The main content area displays a grid of language options, each represented by a rounded square icon with a background image and text. The visible options are Spanish (Latin America) with a green background and a cityscape, French with an orange background and the Eiffel Tower, and English with a teal background and the Statue of Liberty. Below these, there are three more icons in shades of purple and red, which are partially cut off at the bottom of the image.



Gale Courses (SPL offered)

Gale Courses offers a wide range of highly interactive, instructor-led online courses.

As a Skokie Public Library card holder, you can take these courses at no cost.

Courses run for six weeks and new sessions begin every month

Online courses are offered in technology, business, health, wellness, education, parenting, and the arts





Gale Courses (SPL offered)

- Browse Catalog
- Featured
 - Popular
 - New
- Accounting and Finance
 - Business
 - Computer Applications
 - Design and Composition
 - Healthcare and Medical
 - Language and Arts
 - Law and Legal
 - Personal Development
 - Teaching and Education
 - Technology
 - Writing and Publishing

NEW POPULAR

A to Z Grant Writing
Learn how to research and develop relationships with potential funding sources, organize grant writing campaigns, and prepare proposals. [Learn More>>](#)

[View More Courses](#)



Welcome to Gale Courses!

Gale Courses offers a wide range of highly interactive, instructor-led online courses. As a Skokie Public Library card holder in good standing, you can take these courses at no cost. Courses run for six weeks and new sessions begin every month.

How to Enroll:

1. Find courses by browsing through the categories on the left of your screen or by using the search bar above. Click "Enroll Now" next to the course of your choice.
2. Select your course start date and click "Continue."
3. Create a free Gale Courses account, or sign in to an existing ed2go account.
 - **New Students** - Enter your email address in the New Student area and click "Create Account." Complete the "Account and Student Information" page and then click "Continue."
 - **Returning Students** - Enter your account email and password and then click "Sign In."

You will use your Gale Courses account email and password to log in to the My Classroom area to view your lessons once your session begins.

4. Enter your library barcode in the box labeled Submit. Then click "Use Library Card" to complete your enrollment.

IMPORTANT!

Students who have enrolled in a course must log in and view lessons one and two within 13 days after the start date of the course, or they will be automatically dropped.

Students who are dropped from a course will be able to enroll in the course during a later session.



Gale Courses (SPL offered)

CONTACT

ACCOUNT ▾



A to Z Grant Writing



A to Z Grant Writing



Learning Path

Getting Started



Pretest



Lesson 1: Welcome to the World of Grant Writing!



Lesson 2: The Research Information Sheet (RIS)



Lesson 3: Funder Application Guidelines



Lesson 4: Getting Organized





Careers College (SPL offered)

A detailed Job Search training program with interactive tutorials covering topics such as:

- Building Confidence
- Exploring Career Options
- Marketing Your Skills
- And much more

Careers College[™]



Careers College (SPL offered)

Program Menu

- Welcome/Help Guide
- Learning Modules
 - * Overcoming Job Loss
 - 1. Building Confidence
 - 2. Exploring Career Options
 - 3. Marketing Your Skills
 - 4. Conducting the Job Search
 - 5. Preparing for Job Interviews
 - 6. Interviewing to Win
 - 7. Following Up
 - 8. Negotiating the Best Deal
 - 9. Starting Right
- Your Career Podcast Series
- Career Tools
- Other Top Resources
 - Search
 - Logout

Other Links

- Program Evaluation Form

THE **Careers College**™

"Your 9-Step Guide to Landing the Ideal Job"

WELCOME/HELP PAGE

Table of Contents, Tutorial + Map



1. BUILD CONFIDENCE

Maintain a Winning Attitude



4. CONDUCT SEARCH

Uncover the Hidden Job Market



7. FOLLOW UP

JOB SEARCH TOOLS

Tools, Résumé Templates + More



2. DEFINE IDEAL JOB

Explore Your Career Options



5. INTERVIEW PREP

Be Prepared for Any Interview

15 Job Interview	16	17
22	23	24

8. NEGOTIATE

OVERCOME JOB LOSS

Optional - If You Lost a Job



3. MARKET SKILLS

Résumés, Cover Letters, + More



6. INTERVIEW TO WIN

Ace the Interview + Get the Job



9. START RIGHT



The Great Courses



THE
GREAT
COURSES®

- The Library owns a selection of Great Courses titles on CD & DVD
- There are also a selection of video courses available from the video streaming services *Kanopy* & *Hoopla*
- You can find course titles by searching “*Great Courses*” in the library catalog



Free Online Education Sites

- Khan Academy
- Duolingo
- OpenCulture
- Academic Earth
- Alison
- Ted-Ed
- Memrise
- Justin Guitar





Khan Academy (khanacademy.org)

A self structured, free web site that offers basic K–college courses and more.

Create an account and take a course on:

- Math
- Art history
- Computer Science
- Economics
- Healthcare and medicine

Provides free online badges showing progress and to provide motivation





Khan Academy (khanacademy.org)

Subjects ▾ Search Q

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[College, careers, & more](#)



Math by subject

[Early math](#)

[Algebra 1](#)

[Trigonometry](#)

[AP Calculus AB](#)

[Multivariable calculus](#)

[Arithmetic](#)

[Geometry](#)

[Precalculus](#)

[AP Calculus BC](#)

[Differential equations](#)

[Pre-algebra](#)

[Algebra 2](#)

[Statistics & probability](#)

[AP Statistics](#)

[Linear algebra](#)



Math by grade

[Kindergarten](#)

[3rd](#)

[6th](#)

[1st](#)

[4th](#)

[7th](#)

[2nd](#)

[5th](#)

[8th](#)



DuLingo (duoLingo.com)

A free (with advertising) language learning site covering 23 different languages.
Easy to use.



Contains:

- Speaking Practice Exercises
- Writing Exercises
- Quizzes
- Assessment Exams
- Encouragement & Reminders



DuoLingo (duoLingo.com)

The screenshot shows the DuoLingo website interface. At the top, there is a blue navigation bar with the 'duolingo' logo on the left and links for 'Home', 'Discussion', and 'Labs' in the center. On the right side of the navigation bar, there is a user profile icon with a dropdown arrow and a 'Create a profile' button. A dropdown menu is open, listing options: 'Create a profile', 'Settings', 'Help', 'Keyboard shortcuts', and 'Sign in'. Below the navigation bar, the main content area features a blue header for the 'Basics 1' course, indicating '0/4 Lessons completed' and a 'TEST OUT' button. The course content is organized into lesson cards: 'LESSON 1' (unlocked, 'Start' button), 'LESSON 2' (locked), 'LESSON 3' (locked), and 'LESSON 4' (locked). Each lesson card displays a list of words and their corresponding French gender/number. Below the lesson cards, there is a section titled 'Tips and notes' with a paragraph of text, and a partially visible section titled 'Genders'.

duolingo Home Discussion Labs

Basics 1 0/4 Lessons completed TEST OUT

LESSON 1
la, fille, le, garçon,
je, suis, un,
femme, une
Start

LESSON 2
l', homme, est,
pomme, rouge,
tu, es, riche
Locked

LESSON 3
enfant, mange,
manges, orange,
il
Locked

LESSON 4
elle, chat, noir,
robe, a, et, calme
Locked

Tips and notes

Grammar notes like those below can be helpful if you're having trouble with the lessons, so consider trying the lessons above before reading the notes. They'll be more helpful once you have a context for understanding them.

Genders





Open Culture (openculture.com)

Hundreds of lectures, videos and podcasts on a wide variety of topics from universities around the world.

Arranged in easy to browse categories

**OPEN
CULTURE**



Academic Earth (academicearth.org)

Another collection of courses from universities

Browse by subject or by school

Courses available from Yale, Columbia, Cornell, Dartmouth and many more schools





TED-Ed (ed.ted.com)

Contains a number of lessons on general topics arranged by subject

Contains quizzes and features for additional learning on a subject

TEDEd



Memrise ([memrise.com](https://www.memrise.com))

Great language courses
but contains other topics
as well

Integrates games and
entertainment into the
learning material





Justin Guitar (justinguitar.com)

Free, no strings
attached, courses to
teach you to play
guitar

Contains general
lessons and instructions
to play a wide variety
of songs

The Justin Guitar logo, featuring the name 'Justin' in a white, cursive script font with a smiley face over the 'i', followed by the word 'GUITAR' in a white, bold, uppercase sans-serif font, all set against a black rectangular background.

Justin GUITAR



Tech Sites

- Codecademy
- w3Schools





Codecademy (codecademy.com)

Free coding classes with a PRO option for more advanced learning. The free has only written tutorials and coding exercises, no videos

Groups can be joined to socialize with other learners and coders. There's a group for every coding language. In addition, every lesson has a Q&A forum

Each lesson is made up of a series of interactive coding exercises, which allow you to practice your coding right inside your web browser





Codecademy (codecademy.com)

codecademy Learn

YOUR FIRST SASS STYLESHEET

Compiling Sass

Sass can't be directly interpreted by your browser, so it must first be converted, or *compiled*, to CSS before the browser can directly understand it.

Compiling refers to converting code to lower level code so that it can be executed. By compiling SCSS to CSS, it can be interpreted by your browser and the results will appear on a webpage.

Before we dive into writing Sass, let's first learn how to compile it to CSS by typing the following command in the terminal and pressing enter:

```
sass main.scss main.css
```

The `sass` command above takes in two arguments:

1. The input (**main.scss**)
2. The location of where to place that output (**main.css**)

Instructions
Community Forums
Report a Bug

2. Compiling Sass Back 2/9 Next Get Help

Learn Sass

```
main.scss
1 @import
  url(https://fonts.googleapis.com/css?
  family=Pacifico);
2 //Add variables here:
3
4 h1 {
5   font-family: Roboto, sans-serif;
6   text-align: center;
7 }
8
9 .banner {
10  font-family: 'Pacifico', cursive;
11  height: 400px;
12  background-image: url("lemonade.jpg");
13 }
14
15 .container {
16  text-align: center;
17 }
```

main.css

```
1
```

Run Read-only

bash

```
$
```



W3Schools (w3schools.com)

W3Schools offers free web developer tutorials on web development languages such as HTML, CSS, JavaScript, PHP, SQL, W3.CSS, and Bootstrap

W3Schools has a focus on simplicity with thousands of code examples.

Contains an online editor where you can edit examples and execute computer code experimentally, to see what works and what does not.





HTML and CSS

- Learn HTML
- Learn CSS
- Learn W3.CSS
- Learn Colors
- Learn Bootstrap
- Learn Icons
- Learn Graphics
- Learn How To

JavaScript

- Learn JavaScript
- Learn jQuery
- Learn AngularJS
- Learn JSON
- Learn AJAX
- Learn W3.JS
- Learn AppML

Server Side

- Learn SQL
- Learn PHP
- Learn ASP
- Learn Node.js

Web Building

- Web Templates
- Web Statistics
- Web Certificates

XMI Tutorials

HTML

The language for building web pages

LEARN HTML

HTML REFERENCE

HTML Example:

```
<!DOCTYPE html>
<html>
<title>HTML Tutorial</title>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

Try it Yourself »

CSS Example:

```
body {
  background-color: lightblue;
}
h1 {
  color: white;
  text-align: center;
}
p {
  font-family: verdana;
```

CSS

The language for styling web pages

LEARN CSS

CSS REFERENCE



What is a MOOC?

Massive Open Online Course

MOOCs were first introduced in 2006 and emerged as a popular mode of learning in 2012

Consists of an array of courses of various levels offered to the public via the web

Course materials can include filmed lectures, readings, and problem sets, and interactive user forums among students and teachers



What is a MOOC?

MOOC participation has grown steadily over the last four years

A typical course has 7900 learners with 500 receiving certificates

Computer science courses make up most of the curriculum

MOOC



Certification

Currently the major MOOC platforms are charging fees for certifications of completion

Many of these “certifications” can be displayed on social media platforms such as LinkedIn

MOOC



Top Platforms



edx.org



coursera.org



futurelearn.com



edX (edx.org)



Non-profit and open source, EdX was founded in May 2012 by scientists from Harvard and MIT. In 2013 they partnered with Stanford and by December 2016 there were over 10 million users

Partners with many leading universities such as Harvard, University of Chicago, and the Sorbonne

Contains instructor led and self-paced courses



Refine your search

Availability

Current	649
Starting Soon	177
Upcoming	139
Self-Paced	692
Archived	668

Subjects

Architecture	18
Art & Culture	99
Biology & Life Sciences	125
Business & Management	294
Chemistry	40
Communication	57
Computer Science	401
Data Analysis & Statistics	149
Design	27
Economics & Finance	148
Education & Teacher Training	81
Electronics	50
Energy & Earth Sciences	17
Engineering	239
Environmental Studies	68
Ethics	8
Food & Nutrition	18
Health & Safety	76

Featured Courses



W3Cx
HTML5 and CSS
Fundamentals

Current
Self-Paced



Microsoft
Learn to Program in Java

Current
Self-Paced



UQx
IELTS Academic Test
Preparation

Current
Self-Paced



UCSanDiegoX
Python for Data Science

Current
Self-Paced



PennX
Robotics: Fundamentals

Current
Self-Paced



Microsoft
Analyzing and Visualizing
Data with Excel

Current
Self-Paced





Coursera (coursera.org)

Coursera was founded in 2012 by professors from Stanford. As of February 2017, Coursera had more than 24 million registered users and more than 2,000 courses

Partners with 149 universities including: Stanford, University of Arizona, Rutgers, and Peking University





Coursera (coursera.org)

coursera

Catalog

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For Enterprise



Mike

NEW

Unlimited access to 2000+ courses. Cancel anytime.

Get started 

Arts and Humanities

Business

Computer Science

Data Science

Life Sciences

Math and Logic

Personal Development

Physical Science and
Engineering

Social Sciences

Language Learning

Hundreds of Specializations
and courses in **business**,
computer science, **data
science**, and more.

coursera

Coursera provides universal access to the world's best education, partnering with top universities and organizations to offer courses online.

COURSERA

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FutureLearn (futurelearn.com)

Online learning site based in the UK with close to 6 million users.

Partners with over 80 universities mostly in the UK including: King's College, University of Kent, University of Basel and Colorado State University





FutureLearn (futurelearn.com)

In Depth programs are offered for detailed learning in a particular subject. After a final assessment a certificate is awarded

Offering online degree programs through Deakin University in Cyber Security, Property & Real Estate, Information Technology & more.





Online course categories

Find your interests by browsing our online course categories. Start learning with top universities and specialist organisations.



Thank You

Learning on a
Budget



Mike Buhmann
Reference Librarian
mbuhmann@skokielibrary.info

