Software & Resources

Certiport https://certiport.pearsonvue.com/

Certiport, a Pearson VUE business, is the world leader in performance-based certification exams and practice test solutions for academic institutions, workforce and corporate technology markets, delivered through an expansive network of over 12,000 Certiport Authorized Testing Centers worldwide.

Established in 1997, Certiport is a pioneer in providing complete career-oriented certification solutions to academic institutions and IT Professionals. These services encompass test development, psychometrics, program management, sales and marketing for theofficial Microsoft® Office certification program, the Microsoft® Technology Associate certification program, the Adobe® Certified Associate certification program, the Adobe® Certified Expert program, the Autodesk® Certified User certification program, the Autodesk® Certified Professional certification program, the Intuit® QuickBooks Certified User certification program and the IC3 Digital Literacy certification.

Certiport currently delivers more than 3 million certification exams each year around the world.

MOS 2016 Practice Tests:	MOS 2013 Practice Tests:	ACU Practice Tests:	ACA Practice Tests:	MTA Practice Tests:
• 77-725 Word 2016	• 77-418 Word 2013	• AutoCAD	• Photoshop CC	• 98-349 Windows Operating System
• 77-726 Word 2016 Expert	• 77-425 Word 2013 Expert	• Inventor	• Illustrator CC	• 98-361 Software Development
• 77-727 Excel 2016	• 77-420 Excel 2013	• Revit	• InDesign CC	• 98-364 Database Fundamentals
• 77-728 Excel 2016 Expert	• 77-427 Excel 2013 Expert	• Maya	• Premier Pro CC	• 98-365 Windows Server Administration
• 77-729 PowerPoint 2016	• 77-422 PowerPoint 2013	• 3dsMax	• Flash CC	• 98-366 Networking
• 77-730 Access 2016	• 77-424 Access 2013	• Fusion 360	• Dreamweaver CC	• 98-367 Security Fundamentals
• 77-731 Outlook 2016	• 77-423 Outlook 2013			• 98-368 Mobility & Device
	• 77-421 OneNote 2013	**IC3 Practice Tests:**		• 98-369 Cloud Fundamentals
	• 77-419 SharePoint 2013	• Computing Fundamentals		• 98-375 HTML5 Application Development
		• Key Applications		
		• Living Online		

Certiport Webinar Training Sessions

http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/new_webinar.htm

Certiport Authorized Testing Centers

http://www.certiport.com/portal/desktopdefault.aspx?page=common/pagelibrary/new_videoLibrary.htm

GMetrix https://www.gmetrix.com/

GMetrix was founded in 2006 by a management team with over 30 years of experience in the computer and IT training industries.

GMetrix works with partners throughout Europe, the Middle East, Asia and North and South America to provide educational tools designed to prepare individuals for the effective use of technology in the business environment. Additionally, GMetrix is currently the exclusive distribution partner of Wiley & Sons Publishing for Microsoft Official Academic Curriculum (MOAC) in Latin American and Germany.

GMetrix is currently focused on developing testing technology for the IT certification industry and specializes in both concurrent and simulated solutions.

Jasperactive https://www.jasperactive.com/Login.aspx

Founded on CCI Learning's world-leading courseware, Jasperactive is the world's first kinesthetic Microsoft Office learning and validation system mapped to the Microsoft Office Specialist Global Standard. Jasperactive instantly measures an individual's understanding of Microsoft Office desktop applications, and prescribes a personalized course to each student.

SAM Software for Microsoft http://www.cengage.com/sam/

SAM prepares students for the real world. SAM's simulated environment accommodates multiple learning styles to help students learn computer concepts and Microsoft Office. After mastering these skill sets, students complete a project live in the application and submit it in SAM for automatic feedback on the actual work they completed in the Office application.

Certification Partners CIW Internet Business Associate
https://www.ciwcertified.com/ciw-certifications/web-foundations-series/internet-business-associate

The CIW Internet Business Associate course prepares you to work effectively in today's business environment. In this course, you will learn about the tasks involved in various Web Technology job roles, and you will learn the skills and technologies to perform them. The career opportunities that demand these common Web-based skills are endless.

CIW Online offers the tools you need to obtain the IT job-role skills required to master today's technology-driven world. Our goal is to help you get CIW-certified so you can prove to employers that you have the knowledge they need.

All CIW Online offerings are developed by CIW and mapped to CIW objectives to ensure that you learn essential, cutting-edge skills that can be applied daily in your job.

At CIW Online, you have access to a variety of tools to supplement the Official CIW Courseware, including:

- Activities – Check your knowledge of course material with interactive exercises.
- Flash cards – Reinforce course material with review and practice.
- Course review quizzes – Assess your progress with lesson review and course review quizzes.

Certification Partners ICT

Information & Communication Technology (ICT) Essentials is a brand-new technology series designed specifically for teachers to infuse digital technologies into the classroom and to empower students with the technology skills necessary for success in their academic and career endeavors.

The ICT Essentials suite consists of 10 courses in digital technologies. Each ICT Essentials course:

- Is aligned to Common Core technology-oriented standards and NAEP standards for Information and Communication Technology.
- Can be implemented as a stand-alone course or integrated into any lesson, regardless of subject.
- Can be taken in any order.
- Culminates in students earning a Digital Tool Certificate for the technology.

ICT Essentials courses:

- **ICT Computing Essentials** — Fundamentals of computing, including computer system components, their functions and interactions; basic network concepts; connectivity methods; storage; memory; and input and output devices.
- **ICT Web Design Essentials** — Design and creation of basic websites, including webpage elements, page layout, use of color, graphical user interface (GUI) tools, integration of multimedia, HTML coding, navigation, and site publishing.
- **ICT CyberSecurity Essentials** — Challenges and solutions related to cybersecurity, including Internet and social media safety, cyber-ethics, and network vulnerabilities and threats. Also includes topics especially relevant to middle school and high school students, such as cyberbullying, best practices, and risk mitigation for young or new users of communication media.
- **ICT Word Processing Essentials** — Word processing and document manipulation, including document creation and design, layout and formatting, fonts, styles, images, tables, numbered and bulleted lists, pagination, and document publishing.
- **ICT Database Essentials** — Fundamentals of using relational databases, including row and field structure, data types, tables, queries, data import/export mechanisms, and basic Structured Query Language (SQL) statements for managing and manipulating data and creating reports.
- **ICT Communications Essentials** — Fundamentals of effective communication in a technological society, including information search methodologies, e-mail clients, SMS text messaging, Skype, wikis and social media.
- **ICT Programming & Logic Essentials** — Basics of programming languages, including Boolean concepts, algorithms, logic, program structure, pseudo-code, iterative statements and syntax rules.
- **ICT Multimedia Essentials** — Design and creation of digital slide presentations, including formatting basics, slide transitions, animation, timing, titles, and integration of images, graphics, audio, video and other compatible files.
- **ICT Spreadsheet Essentials** — Fundamentals of spreadsheet applications, including layout; text entry and formatting; numeric, currency and percentage values; cell value editing and manipulation; common spreadsheet functions; arithmetic formulas; conditional formatting; chart creation; and data protection.
- **ICT Gaming Essentials** — Fundamentals of interactive computer game creation, including design process, criteria and constraint identification, content research, storyboard creation, program flow modeling, program code creation, and result evaluation and modification practices.

Adobe Education Exchange http://edex.adobe.com

Get instant access to free courses, workshops, & teaching materials and connect with the creative education community.

Nitrotype.com https://www.nitrotype.com/

Improve your typing skills while competing in fast-paced races with typers from around the world. Compete against your friends, earn new cars, track your scores, and so much more. All 100% FREE!

Typingclub.com https://s.typingclub.com/schools.html

TypingClub school portal gives you complete control over your students' typing progress. Setting up an account is quick and free.

Freetypinggame.net http://freetypinggame.net/

Freetypinggame.net is the premiere site to play free typing games, lessons and tests. Our Typing Tutor is the best way to learn to type. No downloads, installations or registration required. We at FreeTypingGame.Net are committed to bringing you high quality, fun and interactive free touch typing games, free touch typing lessons, and free touch typing tests. Our free typing tutor has 30 different typing lessons progressively teaching the keyboard. We award a printable certificate on completion! Take a look at our timed typing test or our certificate typing test. The tests and games have 40 lessons, 10 are based on classic stories to make the typing test more natural. Our typing lessons will educate on many levels, offering commonly misspelled words and foreign language words. Learning to touch type has never been more fun or exciting. Standardized typing methods have their place, such as key, hand, and finger based lessons. However, a fun and entertaining keyboarding game will often motivate some learners over traditional lesson based typing tutors, so we teach typing using our original free typing games. We have also found that the ability to compete against others with our realtime worldwide scoreboard can motivate some to type faster, type more accurately, and enjoy playing our free typing games.

Typing.com https://www.typing.com/

Improve typing skills and prepare your students for the future with our comprehensive curriculum and typing games. Typing.com's Teacher Portal provides all the necessary tools to grade, report on, and manage your students & classes. Typing.com is, and always will be, free. Unlimited students, unlimited classes, unlimited teachers.

Dance Mat Typing https://www.dancemattypingguide.com/

In this course, there are totally 12 stages divided into 4 levels that will help you learn typing from scratch. Even though you don't have any clue about typing now, you will become a "typist" who can type fast without looking at the keyboard when you finish all the tasks in these 12 stages.

You will meet different teachers in this flash course. They are (from the first stage to the last stage) Goat, Octopus, Rooster, Hip, Ninja Turtle, Flamingo, Yak, Giraffe, Queen ant, Cat and Snake. When you come to the last stage, you will meet the whole family there, and I can't wait to tell you that there is a big party waiting for you!

In each stage, there are also some support characters. They will give you some tips when you cannot type on the right key, and they will pay you compliments when you finish a task. Different scenes are designed for each stage in this flash game of learning typing, you will learn how to type while

appreciating the beautiful views. It will make you feel like you are traveling if you open your mind to imagine.

In different stage with different scenes, the tasks are set up with different objects. For example, in stage one, because the goat is a rock star, you will break all the music discs at the bottom of the screen when you finish all the tasks; in stage three in which the main cartoon character is rooster, you need to break all the eggs to accomplish all the tasks.

Apart from all the things mentioned above, the characters will say something very interesting in the process of learning typing. For example, the octopus in the stage two will teach you some Italian like "ciao, bambini" which means "hello, kids", and the yak in the stage seven will take you to one of the most mysterious places in this world – Tibet and tell you some mysterious stories about it.

Last but not the least, one of the highlights of this flash is the music. Different cartoon characters will play a different genre of music. For example, the rock star, goat, will sing a rock roll song with playing guitar; the yak from Tibet will play some kinds of Tibet music which are really quiet and mysterious; The flamingo will bring you some lively Spanish style flamenco music.

Anyway, all I want to say is that this BBC typing course is really interesting and useful. You will learn how to type fast without looking at the keyboard while having fun. I promise you won't get bored. Giving it a try will be more meaningful than anything I said here. Enjoy the Dance Mat Typing!

Learning Games for Kids.com
http://www.learninggamesforkids.com/keyboarding_games.html

Learning typing is the focus of these keyboarding games. Learning keyboarding skills is vital for today's learners and tomorrow's earners. These free typing games are a great way to build typing skills. Keyboarding games teach important skills through a variety of online typing lessons and typing games..... oh yeah, they're fun! Kids love online keyboarding games. Flash games make it easy for teachers teaching keyboarding to prepare their typing lessons for their keyboarding classes. Kids' typing speed and accuracy on the QWERTY keyboard increases quickly thanks to educational games that kids enjoy playing. Kids become keyboarding experts in no time thanks to cool online typing games like QWERTY Warriors and Typing Monsters. Kids can even take a typing speed test which will check for keyboarding accuracy as well. Elementary schools and middle schools are incorporating fun online keyboarding games into their regular curricula as playing games, learning songs and watching videos online provides the results teachers want for their students. And best of all, kids have fun while learning!

Keyboarding Online.com https://www.keyboardingonline.com/

Keyboard Short Course - Keyboard Short Course is a condensed version of Keyboard Mastery (50-60 hours). This course is great for beginners, or experienced typists that need to quickly improve their speed and accuracy by 10-20 wpm. Keyboard Short Course will also fit nicely in connection with another subject where keyboarding is desired but not the main emphasis.

Speed and accuracy are emphasized on short timing drills. Lessons cover alphabetic and punctuation keys (no numbers and symbols). The majority of timing drills are 15-second, with 30-second, 1-

minute, and 2-minute timing drills. Longer timings may be practiced in the "Freeform" or "Created Lessons".

Keyboarding for Kids Course - Keyboarding for Kids teaches keyboarding correctly to young children at the time when computers are first introduced to them. The content is phonetic by grade and reading level to facilitate learning to read along with keyboarding. Drills are 15-second timings with up to 1-minute timings for older children. Students are rewarded with praise from an animated character that gives the "thumbs-up" sign when students reach or exceed their goal. Most schools begin keyboarding in the 2nd or 3rd grade.

Lynda.com https://www.lynda.com/

Lynda.com leading online learning platform that helps anyone learn business, software, technology and creative skills to achieve personal and professional goals. Through individual, corporate, academic and government subscriptions, members have access to the lynda.com video library of engaging, top-quality courses taught by recognized industry experts.

For 20 years, lynda.com has helped students, leaders, IT and design pros, project managers—anyone in any role—build software, creative, and business skills. Now part of Linkedin, Lynda.com serves more than 10,000 organizations. With tutorials in five languages, Lynda.com is a global platform for success.

Learning.com http://www.learning.com/ http://www.learning.com/solutions/digital-literacy

Students aren't born with digital literacy skills. They may be able to play video games and use cell phones, but that doesn't necessarily mean they understand basic uses, best practices, and safety risks when it comes to technology. So, what is digital literacy? It's the ability to understand, use and safely interact with technology, media and digital resources in real-world situations. Learning.com offers skills in Keyboarding, Online Safety, Business Apps, and Coding.

Khan Academy https://www.khanacademy.org/

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. We tackle math, science, computer programming, history, art history, economics, and more. Our math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. We've also partnered with institutions like NASA, The Museum of Modern Art, The California Academy of Sciences, and MIT to offer specialized content. Khan Academy offers Computer Programming, Computer Science, Hour of Code, Pixar in a Box, Health and Medicine, and Electrical Engineering.