

Microsoft IT Academy Program

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Microsoft Learning



Microsoft | IT Academy

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Microsoft | IT Academy

What?

Technology Education Solution

Why?

Bridging the Gap

Who?

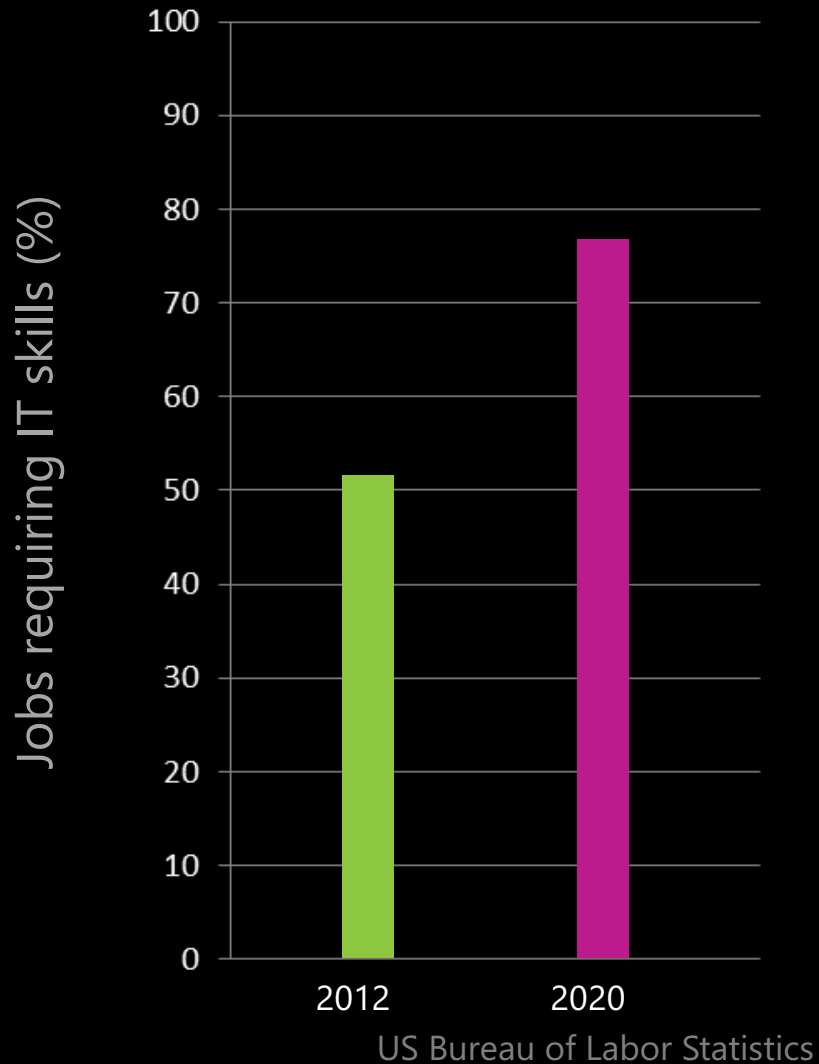
Accredited academic institutions

The Microsoft IT Academy provides students with the future ready technology skills they need to be successful in college and a career.



Skills that enable them to **collaborate, communicate**, and be critical thinkers, **innovators**, problem solvers and citizens of a global economy.

TECHNOLOGY SKILLS 2012 - 2020

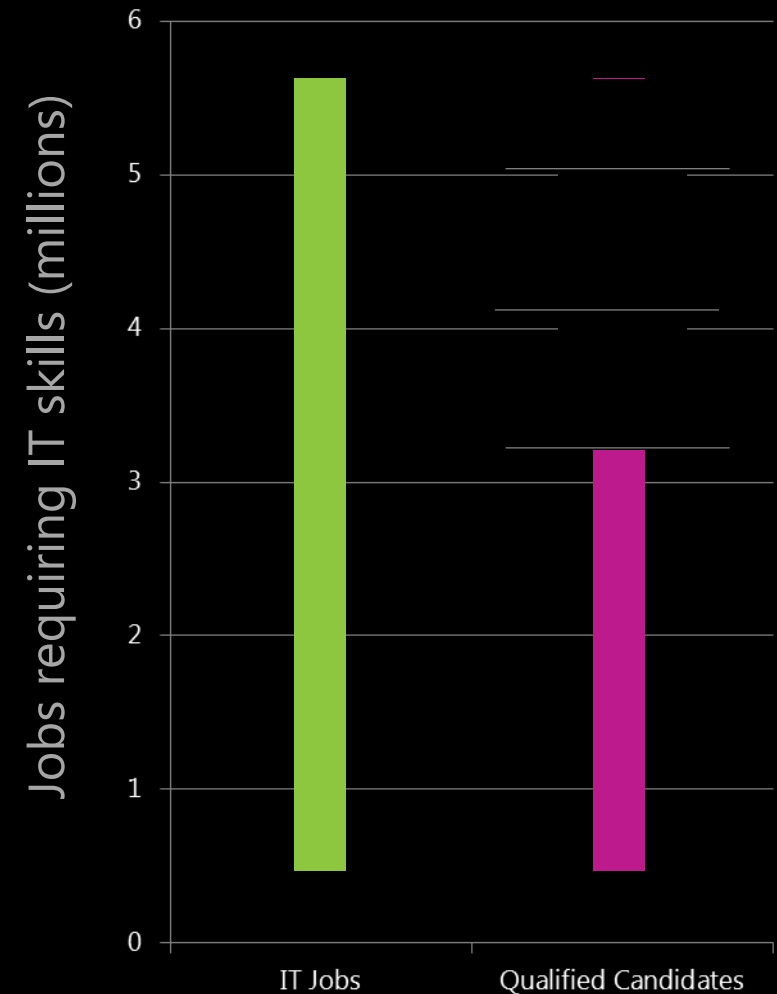


More than **50%** of today's jobs require some technology skills, and experts say that percentage will increase to **77%** in the next decade.

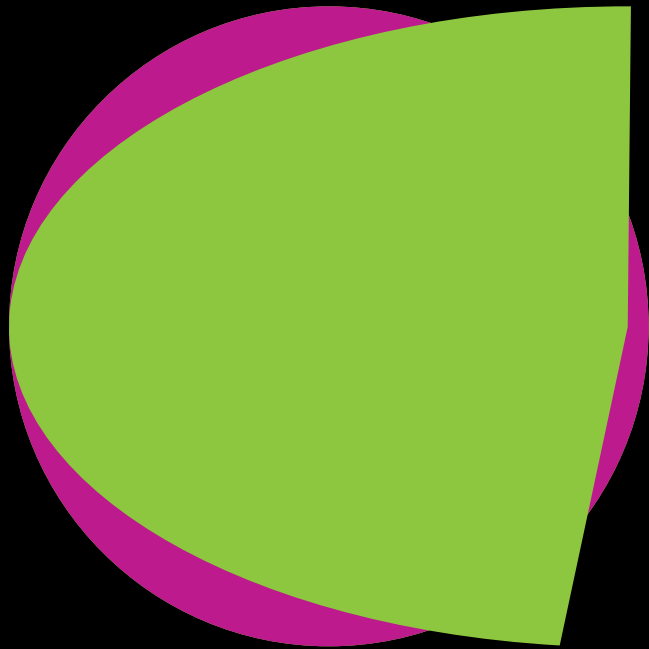


YEAR 2020


There are several studies that suggest there will be a **significant gap** in the next 5 to 10 years between the demand for and supply of IT professionals with the right technical skills.



SOFTWARE



 All IT jobs

 Software related jobs

IT employment will rise by **5.8 million** jobs in 4 years; and **51%** of total IT employment will be **software related**; creating 75K new businesses¹.

Certification = Employability for Students



91% of Hiring Managers consider employee certification as a criterion for hiring ¹

81% of Hiring Managers feel that certified individuals perform better ¹

79% of Hiring Managers feel that certified individuals are more efficient ¹

50% of individuals believe obtaining a certification makes them more marketable ²

89% of supervisors say that Microsoft Office certified employees are more proficient users of Microsoft Office programs ³

Sources

1 MCP Program Satisfaction Study 2010

2 Intrepid Survey

3 Certiport Research, 2009

"It's truly a global marketplace, especially in the IT world. If you don't have a certification that validates you have the needed skills, you're at a significant disadvantage."

Bill Doherty, @ONE Project,
College System of California

Microsoft Wins on Employability

Higher Office proficiency

Ability to earn college credit (US)

IT jobs will grow from 35.6 million jobs in 2009 to 41.4 million jobs by 2013

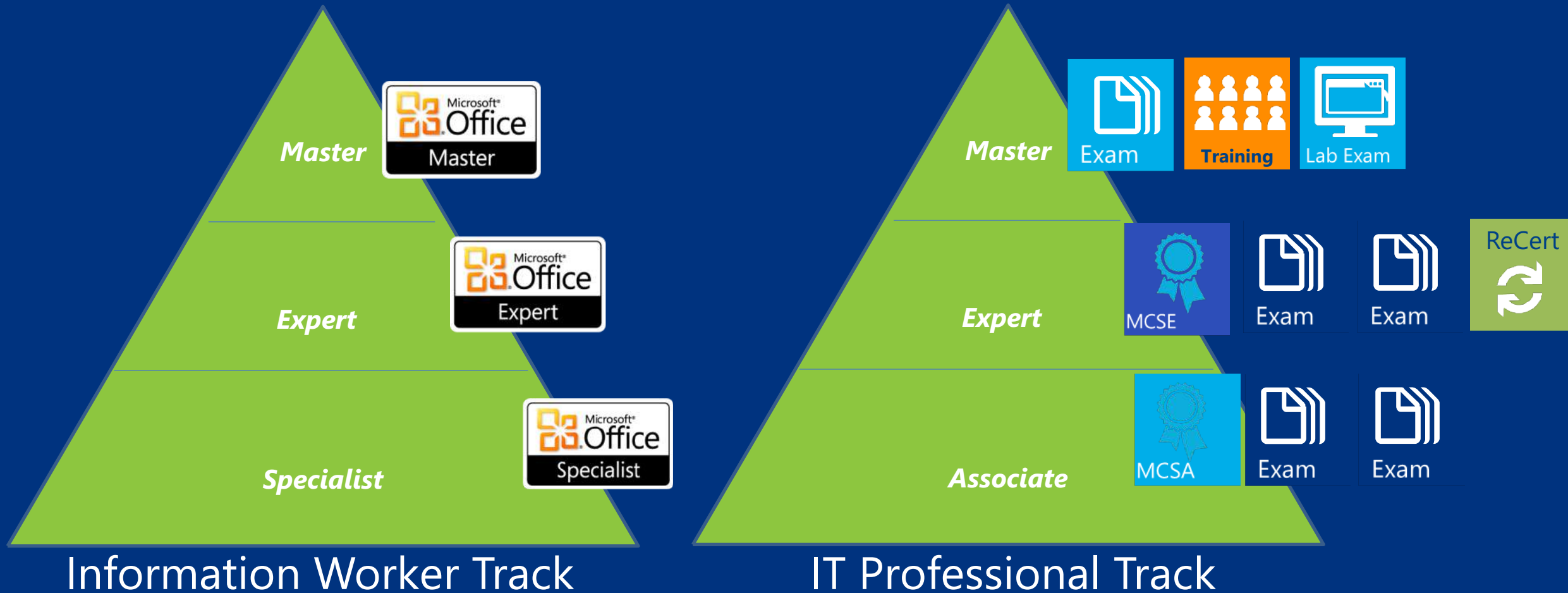
Helps differentiate

Available jobs by technology

Location	Google	Apple	Cisco	Microsoft
Sydney	188	108	489	2,514
Berlin	282	84	82	1,076
Mumbai	122	72	129	741
Atlanta	321	179	750	6,206
Amsterdam	244	270	356	2,061
Sao Paulo	260	70	387	2,068

Certification

All IT Academy Curriculum formats prepare for certification



Microsoft IT Academy Program Objective

Empower academic institutions to help students achieve industry recognized skills and reach their career potential through high-quality training and certification.

→ EMPLOYERS WANT:



IT Academy delivers
certified job
candidates

→ TEACHERS WANT:



IT Academy delivers
digital content
solutions

→ INSTITUTIONS WANT:



IT Academy delivers
low cost volume
licensing

→ STUDENTS WANT:



IT Academy delivers
21st Century Skills

➔ Microsoft IT Academy Benefits

FOR EDUCATORS, STAFF,
AND STUDENTS

- Curriculum
- Lab Resources
- Professional Development
- Certification
- Resources and Partnership



Curriculum



Lab
Resources



Professional
Development



Certification



Resources and Partnership

➔ Microsoft IT Academy Benefits

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Curriculum



Lab
Resources



Professional
Development



Certification



Resources and Partnership



CURRICULUM IN THE BOX



Digital Literacy



E-learning



Lesson plans



E-reference



Academic Curriculum (MOAC)



Professional Curriculum (MOC)

The Microsoft **Digital Literacy** curriculum provides essential computing skills for learners new to computing



- Digital Literacy can be used as a remedial tool for some students and as a means of exploring new topics for others.
- Digital Literacy includes E-learning and assessments so students can skip concepts they have mastered and focus on the topics they need to round out their skills set.



Technologies

Computer Basics

The Internet and WWW

Productivity Programs

Security and Privacy

Digital Lifestyles



CURRICULUM IN THE BOX



Digital Literacy



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Lesson plans



E-reference



Academic Curriculum (MOAC)



Professional Curriculum (MOC)

The Microsoft **E-Learning** curriculum provides unlimited access to up to 250 courses aligning with Microsoft IT Academy programs



- E-Learning provides students with more hands-on practice through a multimedia learning experience.
- Educators can select E-Learning courses, create access codes for the classroom, manage group-level messaging, and access usage reports for each of their classes.



Technologies

- Office 2010 | Windows7
- Windows Server
Exchange Server
- SQL Server | ASP.NET
- Visual Studio
- Microsoft Dynamics



CURRICULUM IN THE BOX



Digital Literacy



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Lesson plans



E-reference

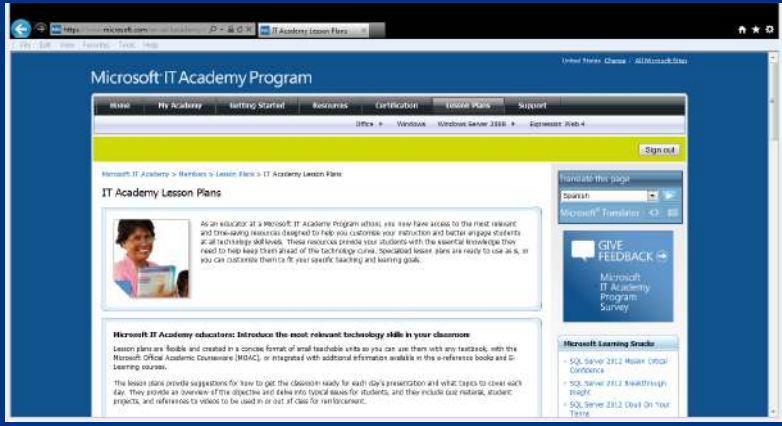


Academic Curriculum (MOAC)



Professional Curriculum (MOC)

Ready-to-use, customizable **lesson plans** including links to relevant ITA E-Learning and free demos and videos



Technologies

Office 2010

Microsoft SharePoint

Windows Server

Expression Web

Windows 7

- Connects to E-Learning and Certification, and included project-based learning projects
- Allows students to use project-based learning activities to demonstrate and practice skills on Microsoft technologies.



CURRICULUM IN THE BOX



Digital Literacy



E-learning



Lesson plans



E-reference

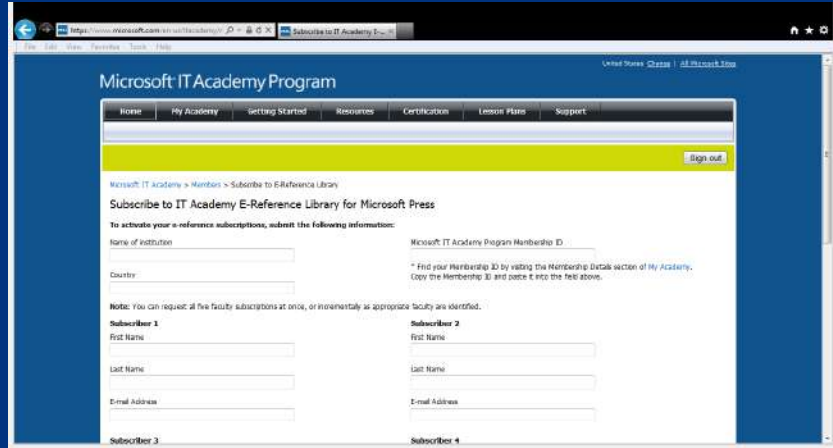


Academic Curriculum (MOAC)



Professional Curriculum (MOC)

E-reference provides digital access for educators to over 600 technology books, searchable by topic, technology, and subject



- e-book format published on topics to teach in the classroom as well as leverage for professional development
- Can be used as a standalone self-study course or as supplementary to classroom instruction



Technologies

Office & Productivity | Database & Reporting

Applications & OS

Entertainment & Gaming

Web Apps & Services

Home Network & Security



CURRICULUM IN THE BOX



Digital Literacy



E-learning



Lesson plans



E-reference



Academic Curriculum (MOAC)



Professional Curriculum (MOC)

The **Microsoft Official Academic Course (MOAC)** series, delivers a complete learning and teaching framework developed specifically for use in an academic setting.



Technologies

Microsoft Office

Windows Client and Server

SQL Server

Visual Studio

MTA

- Plan, prepare, and conduct hands-on classes covering Microsoft technologies.
- Includes textbooks, lab manuals, online labs and practice certification exams for specific titles

➔ Microsoft IT Academy Benefits

FOR EDUCATORS, STAFF,
AND STUDENTS

- Curriculum
- **Lab Resources**
- Professional Development
- Certification
- Resources and Partnership



Curriculum



Lab
Resources



Professional
Development

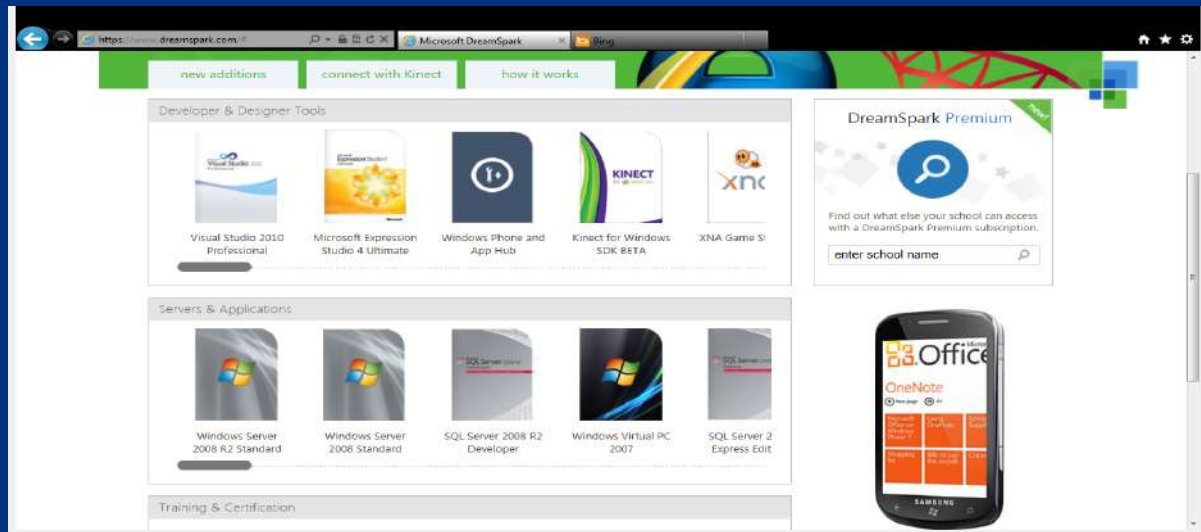


Certification



Resources and Partnership

Lab Resources



- Lab Licenses for IT Academy Members
 - 50 licenses for Microsoft Office 2010
- DreamSpark
 - 1 Subscription per High School
 - Top developer and designer software available at no charge for your school lab machines, so students can create next-gen apps, games and tools.
 - Available on students and teachers personal computers
 - Create for Xbox Live, Kinect, and more

➔ Microsoft IT Academy Benefits

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Curriculum



Lab
Resources



Professional
Development



Certification



Resources and Partnership



PROFESSIONAL DEVELOPMENT



Teaching with Technology



Microsoft Innovative Educator



MOS Teacher Starter Kit

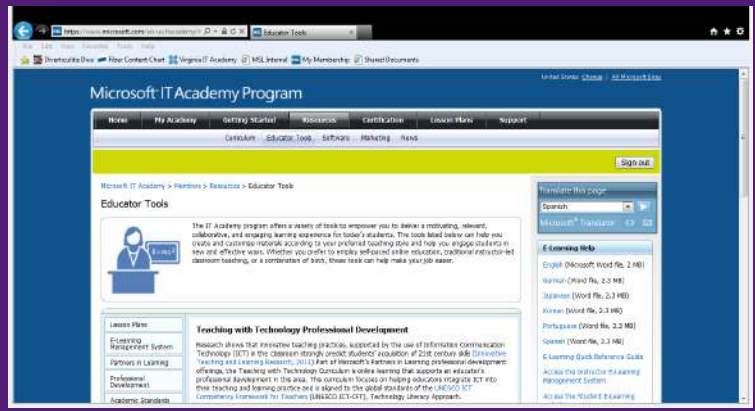


MTA Teacher Starter Kit



MCT Membership

The Teaching with Technology Curriculum is online learning that helps educators integrate ICT into their teaching and learning practice



- Aligned to the global standards of the UNESCO ICT Competency Framework for Teachers (UNESCO ICT-CFT), Technology Literacy Approach.
- Created to help set a foundation beyond learning to use technology tools.

- Why Does the UNESCO ICT CFT Promote Technology Literacy?
- Selecting ICT Resources to Support Curriculum Outcomes
- How Technology and Pedagogy Mix
- Using Basic ICT Tools to Support Teaching and Learning
- Organize and Manage the Use of ICT in the Classroom
- Technology Literacy and Your Professional Development



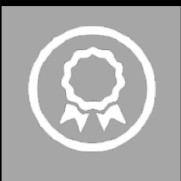
PROFESSIONAL DEVELOPMENT



Teaching with Technology



Microsoft Innovative Educator



MOS Teacher Starter Kit

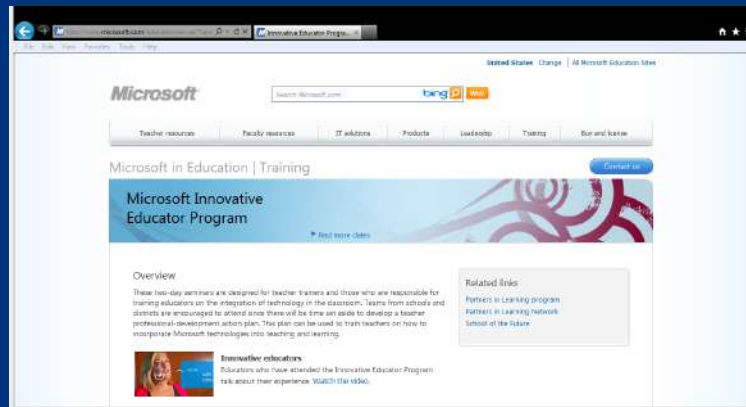


MTA Teacher Starter Kit



MCT Membership

The **Microsoft Innovative Educator** (MIE) program provides trainers the opportunity to deepen and expand their skills on integrating technology in their teacher training to positively impact teaching and learning



- Teacher trainers gain access to hours of professional development materials deliverable to teachers
- Focus is on learning activities that lead to students learning 21st century skills



Technologies

Office 2010

Project Based Learning

Office 365

OneNote

Windows 7



PROFESSIONAL DEVELOPMENT



Teaching with Technology



Microsoft Innovative Educator



MOS Teacher Starter Kit

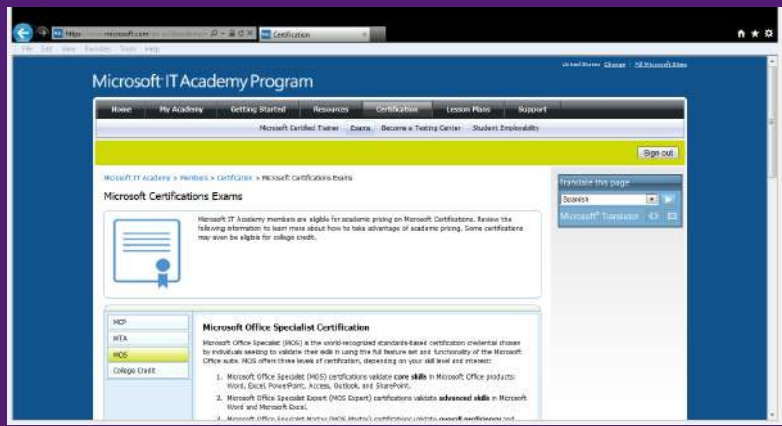


MTA Teacher Starter Kit



MCT Membership

Microsoft Office Specialist (MOS) Teacher Starter Kit enables world-recognized standards-based certification credentials



- Teachers have a better understanding of the products and the certification process, because they are certified.
- 10 MOS exam vouchers provided annually for educator professional development.



Technologies

- Microsoft Office
- Word, Excel, PowerPoint
- Access
- Outlook
- SharePoint



PROFESSIONAL DEVELOPMENT



Teaching with Technology



Microsoft Innovative Educator



MOS Teacher Starter Kit



MTA Teacher Starter Kit



MCT Membership

Microsoft Technology Associate (MTA) Teacher Starter Kit enables world-recognized standards-based certification credentials



- Exam Review Kits are available to assist educators in implementing MTA in the classroom.
- 20 MTA exam vouchers provided annually for educator professional development



Technologies

Windows Fundamentals

Software Development

Database Administration

Networking and Security

Mobile, Gaming, and HTML 5 Application Dev



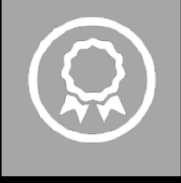
PROFESSIONAL DEVELOPMENT



Teaching with Technology



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Technologies

Windows Fundamentals

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Mobile, Gaming, and HTML 5 Application Dev

➔ Our vision of a successful deployment includes:

Partnering to plan a custom deployment program and timeline that meets your needs while also providing best practices from the Microsoft Learning perspective



Provide ample resources for Directors, Teachers, and IT Staff which include trainings, readiness materials, and support paths to ensure a positive experience with IT Academy



Monitoring and evaluating each phase of the deployment to drive a successful outcome



We will be with you and available every step of the way – guiding, supporting and working in close partnership.



We are intending for the deployment to become a best practice nationally and also internationally, and will work closely with you to ensure this.



Arkansas Next Steps

- Training for Early Adopters July 26th
- IT Director Virtual Sessions
- Teacher Virtual Training Sessions

Thank you!

Appendix