

IT Academy provides a variety of curriculum and assessment resources organized into three core areas of study:

The PRODUCTIVITY area of study helps students learn to be productive using Microsoft Office and other software tools for a wide range of jobs and other life pursuits. The COMPUTER SCIENCE and IT INFRASTRUCTURE areas of study focus on basic technology concepts in software development and Information Technology and the core technical skills required to build a sustainable technology career.

Microsoft IT Academy assessment resources include official Microsoft Certifications for Office Specialist, Technology Associate, Solutions Associate, and Software Development. Curriculum resources include Microsoft Official Academic Courses (MOAC) and Office Lesson Plans for classroom study, online learning as video-on-demand and interactive courses, and Microsoft Press Study Guides for independent study.

The tables below show a summary of the curriculum and assessment resources that are currently available and/or planned.

# AREAS OF STUDY

## 1 Productivity

Digital Literacy, Windows, Office 365, Word, PowerPoint, Excel

SUBJECT AREA	VALIDATION	ONLINE LEARNING	MOAC	LESSON PLANS	STUDY GUIDES	
Digital Literacy	👍	👍		👍		<b>LIMITED RESOURCES AVAILABLE</b> Outlook Access OneNote
Using Windows 8.1		👍		👍		
Using Office 365		👍				
Word 2013 Essentials	👍	👍	👍	👍	👍	
Word 2013 Expert	👍	👍	👍	👍	👍	
Excel 2013 Essentials	👍	👍	👍	👍	👍	
Excel 2013 Expert	👍	👍	👍	👍	👍	
PowerPoint 2013 Essentials	👍	👍	👍	👍	👍	

## 2 Computer Science

Programming Basics, Programming Concepts, Application Development

SUBJECT AREA	VALIDATION	ONLINE LEARNING	MOAC	LESSON PLANS	STUDY GUIDES	
Learning to Code	👍	👍		👍		<b>LIMITED RESOURCES AVAILABLE</b> Programming Access Programming Excel Programming Data
AP CS Java Supplemental Material		👍				
Software Development Fundamentals	👍	👍	👍			
HTML5 Application Development Fundamentals	👍	👍	👍			
HTML5, CSS3, JavaScript	👍	👍	👍			
Essentials: Windows Store Apps	👍	👍	👍			
Advanced: Windows Store Apps	👍	👍	👍			

## 3 IT Infrastructure

Managing Infrastructure for Cloud, Clients, Devices, Databases and Office 365

SUBJECT AREA	VALIDATION	ONLINE LEARNING	MOAC	LESSON PLANS	STUDY GUIDES	
Networking Fundamental	👍	👍	👍			<b>LIMITED RESOURCES AVAILABLE</b> Active Directory Windows Security Office 365 Data Access
Mobility & Device Fundamentals	👍	👍	👍			
Cloud Fundamentals	👍	👍	👍			
Database Fundamentals	👍	👍	👍			
Configuring Windows 8.1	👍	👍	👍			
Supporting Windows 8.1	👍	👍	👍			
Enabling Office 365 Services	👍	👍				
Installing and Configuring Windows Server 2012	👍	👍	👍			
Administering Windows Server 2012	👍	👍	👍			
Configuring Advanced Windows Server 2012 Services	👍	👍	👍			