

Microsoft® Certified Information Technology Professional Certificate

Program Number: 90-154-7

Certificate

Information Technology Program Cluster

School of Agriscience and Technologies

Program offered at Madison Campuses

For information call: (608) 246-6800 or
 (800) 322-6282 Ext. 6800

About the Certificate

This certificate is designed for students who have already graduated with a degree in Computer Information Systems, Information Technology, or have significant IT industry work experience to gain the knowledge required to earn the Microsoft® Certified Information Technology Professional (MCITP): Windows Server designation. The MCITP certificate program provides students the skills required to install and administer Windows clients and servers. In addition, the students will obtain the skills required to administer a Windows network environment and learn the fundamentals of Active Directory.

Windows clients and servers are the industry's most widely used server and client operating systems. The Windows family includes Windows 2003 Server, Windows 2008 Server, Windows XP and Windows Vista. The tests that constitute the MCITP certification are also applicable to other Microsoft certifications. For further information on this and other Microsoft certifications, see the Microsoft website at www.microsoft.com/learning/http://www.microsoft.com/traincert/mcp.

Windows® is a registered trademark of Microsoft Corporation.

Unique Requirements for Admission

1. Students are expected to have exposure to Windows server and client administration and understand the basics of computer systems architectures.
2. A minimum of an associate degree in computer information systems, information technology, or business data processing, or a minimum of two years of related work experience, is required.
3. For students who do not have the above requirements, contact the Center for further options, such as pursuing the IT-Computer Systems Administration Specialist associate degree program.

Curriculum

Courses		Hrs/week	
		Credits	Lec-Lab
10-154-184	Windows Client.....	3.....	2-2
10-154-186	Microsoft Network Infrastructure	3.....	2-2
10-154-188	Windows Active Directory*	3.....	2-2
10-154-194	Windows Server Pro**.....	3.....	2-2
Total		12	

Students may also be interested in taking the following related courses:

10-152-104	Windows PowerShell	3.....	2-2
10-154-175	**VMware Certified Professional (VCP).....	3.....	2-2

*Offered fall semester only **Offered spring semester only

Note: All Information Technology courses require a grade of C or better in order to receive the certificate.

Certificate Application Process

To apply, see: Apply Online (on the Madison College website). [Create an ApplyWeb account](#) and follow the [instructions](#) to complete the [Online Certificate Application](#) before the [application deadline](#). Submit the \$15 non-refundable fee (payable by credit card, debit card or electronic check) with your application. Applicants may submit more than one certificate application per term using the Online Certificate Application; the same fees apply for each additional application.

Unique Requirements for Completion

The certificate will be awarded upon completion of the requirements with a minimum of a 2.0 grade average and no course grade lower than a C. The certificate will be awarded when completion of all requirements is verified after the semester the last course has been completed.



Courses

10-154-184 Windows Client 3 credits

Learn how to install, configure and administer a Windows desktop operating system. Work in a computer laboratory setting to develop the real-world expertise needed to set up and support the Windows desktop environment. As you progress through topics including Windows installation, hardware device configuration and establishing network connectivity, you are also preparing for Microsoft Exam 70-620. As an added bonus you will learn the operation of VMWare Workstation. Prerequisite: Working knowledge of Microsoft Windows (computer literacy, proficiency with a mouse, file management).

10-154-186 Windows Network Infrastructure 3 credits

Gain the skills necessary for supporting and configure a Windows Network infrastructure including name resolution, file and print services, and remote access. Learn the practical skills required to troubleshoot and monitor network problems while preparing for Microsoft MCTS Exam 70-642. Prerequisite: 10-154-184, and completion or concurrent enrollment in one of the following: 10-150-101 or 10-150-170 or equivalent work experience or acceptance into certificate.

10-154-188 Windows Active Directory 3 credits

Gain the skills to administer and support a Windows Active Directory environment—and prepare for Microsoft Exam 70-640—a core requirement for the MCTS Windows Server Specialization. Gain practical experience managing a Windows Active Directory infrastructure, including configuration, backup and troubleshooting while preparing for Microsoft MCTS exam 70-640. Prerequisite: 10-154-186.

10-154-194 Windows Server Pro 3 credits

Complete your education in Windows Server Support - and prepare for Microsoft Exam 70-646-while learning the day to day skills required for supporting Windows web, infrastructure and application servers. Learn the essentials of Windows scripting and batch files and other desktop tools required to profile and monitor Windows Servers. Prerequisites: 10-154-186 and 10-154-188.

Related Courses

10-152-104 Windows PowerShell 3 credits

Windows PowerShell is used in the Microsoft world for administration and management of Windows Clients. This class will introduce IT students to PowerShell and how it is used for administering Microsoft Networks. Students will develop a sound understanding of administering Windows environments using PowerShell and developing scripts using basic programming logic. Prerequisite: 10-154-184

10-154-175 VMware Certified Professional (VCP) 3 credits

This hands-on training course explores installation, configuration, and management of VMware® vSphere™, which consists of VMware ESXi™ and VMware vCenter™ Server. Students are introduced to virtualization and storage management concepts using VMware server virtualization products. Prerequisite: 10-154-188 Windows Active Directory.

Career Potential:

- Microsoft Certified Information Technology Professional

More detailed and updated information on this program may be available at: madisoncollege.org. The college reserves the right to make changes in the regulations and courses announced in this publication without notice.

Madison Area Technical College provides equal opportunity in education and employment.

Rev. 03/12