



LEARN BY TERM

CERTIFICATE COMPUTER & INFORMATION TECHNOLOGIES MICROSOFT ENTERPRISE ADMINISTRATOR

Program Description

The Microsoft Enterprise Administrator certificate offers students the opportunity to earn a credential demonstrating skills in the administration and design of Microsoft enterprise networks. This certificate consists of the core skills that students need to effectively plan, build, and maintain a Microsoft network. In addition, this certificate will provide a way for professionals currently in the industry to update their Microsoft network administrator skills.

List of Colleges

[Ashland Community & Technical College](#), [Big Sandy Community & Technical College](#), [Bowling Green Technical, College](#), [Bluegrass Community & Technical College](#), [Elizabethtown Community & Technical College](#), [Gateway Community & Technical College](#), [Hopkinsville Community College](#), [Hazard Community & Technical College](#), [Jefferson Community & Technical College](#), [Madisonville Community College](#), [Maysville Community & Technical College](#), [Owensboro Community & Technical College](#), [Southeast Kentucky Community & Technical College](#), [Somerset Community College](#), [West Kentucky Community & Technical College](#) offer this certificate.

One of these colleges must be designated as your Home College. Even though the classes will be delivered by different KCTCS colleges, the Home College will admit you and take care of all of your student service needs including advising, library services, billing, financial aid, etc.

Getting Started

Students may register for KCTCS online classes offered system wide directly at any KCTCS college. Individuals may also complete a “course inquiry” submit form through www.kyvc.org. KYVC course inquiries are submitted directly to the KCTCS Home College identified by the student. The student’s chosen Home College processes the course inquiry either through formal admission procedures or class enrollment. Additional information about KCTCS admission requirements and college contacts may be accessed at <http://www.kctcs.edu/en/Students/LearnByTerm.aspx>.

Certificate: Microsoft Enterprise Administrator

Upon completion of this program, the graduate can:

1. Install, configure, and manage Microsoft Windows client operating systems.
2. Use a Microsoft Windows server to create and manage user accounts.
3. Use a Microsoft Windows server to share and secure resources.
4. Use a Microsoft Windows server to establish and maintain Internet connections.
5. Deploy, configure, and manage Microsoft Windows servers such as Web Servers, Terminal Servers, SharePoint Servers, and File Servers.
6. Design an overall IT environment for an enterprise including both mid-range and long-term strategies.
7. Plan a forest restructuring including cross-forest authentication, backward compatibility, object migration, migration planning, implementation planning, and environment preparation.
8. Design and implement public key infrastructure including certificate services, PKI operations and maintenance, and certificate life cycle management.

9. Design enterprise-level network services including network access policies, remote access strategy, perimeter networks, and server and domain isolation.
10. Design core identity and access management components including forest and domain functional levels, intra-organizational authorization and authentication, and schema modifications.

Course Requirements

Here is a listing of the classes involved in this certificate. There may be additional courses that meet these requirements. Please check the current course catalog and online class schedule for additional information and offerings. The entire Associate in Applied Science degree may be completed online; however, some faculty may require proctored exams. Approved proctored sites are listed at <http://www.kctcs.edu/en/Students/LearnByTerm.aspx> under student services.

Microsoft Enterprise Administrator

Program Title: Microsoft Enterprise Administrator			
Course Prefix	Course Number	Course Title	Credit Hours
		Level I Network Course	4
CIT	213	MS Client/Server Config	3
CIT	214	Server Infrastructure Admin OR	3
CIT	262	MS Network Infrastructure	(3)
CIT	261	MS Active Directory Services	3
CIT	265	MS Applications Server	3
CIT	266	MS Enterprise Admin.	3
		Approved CIT Technical Course	3
		Total	22

Helpful Links

APPLICATION: http://www.kctcs.edu/students/admissions/apply_online.aspx

CALENDAR: <http://www.kctcs.edu/Students/LearnByTerm/Calendar.aspx>

CONTACTS: [http://www.kctcs.edu/Students/LearnByTerm/Learn By Term Advisors/College Contacts.aspx](http://www.kctcs.edu/Students/LearnByTerm/Learn_By_Term_Advisors/College_Contacts.aspx)

COURSES: [http://www.kctcs.edu/Students/LearnByTerm/Online Courses.aspx](http://www.kctcs.edu/Students/LearnByTerm/Online_Courses.aspx)

FINANCIAL AID: [http://www.kctcs.edu/Students/Costs and Financial Aid.aspx](http://www.kctcs.edu/Students/Costs_and_Financial_Aid.aspx)

GETTING STARTED: [http://www.kctcs.edu/Students/LearnByTerm/Getting Started.aspx](http://www.kctcs.edu/Students/LearnByTerm/Getting_Started.aspx)

STUDENT TUTORIAL: <http://www.kctcs.edu/Students/LearnByTerm/Tutorials.aspx>

KCTCS COURSES AVAILABLE AT KYVC: <http://kyvc.org/>

Dates of Actions:

Revisions: December 2008, October 2010, August 2011, December 2011, April 2012

