

ADDITIONAL SOFTWARE AND HARDWARE REQUIREMENTS

In the Kaplan University online learning environment, computer software and hardware allows you to communicate clearly and effectively with faculty, staff, and other students. It is the vehicle by which you submit all course assignments. Without the appropriate software and hardware, you will not be able to access course materials, collaborate with faculty, and complete assignments for submission and grading.

Along with the Technology Requirements listed in the Catalog, all students should review and be aware of any additional software and hardware requirements for their classes prior to enrollment. Please review the following information carefully. If you have questions about these requirements or about whether your current software or hardware is appropriate for a class in which you would like to enroll, contact your Academic Advisor at 866.522.7747 (Toll Free). If you need to purchase additional software, please see the Recommended Software Vendor section for information about discounted student rates.

General Requirements

All courses at Kaplan University require assignments to be submitted using Microsoft Office. Assignments created using other applications, such as Microsoft Works or WordPerfect, are not acceptable. Macintosh files created using applications other than the MS Office suite are not satisfactory and will not be accepted by the instructor.

All students are required to have Microsoft Office 2007 or a more recent version. Note that if you are purchasing Microsoft Office for the first time, you may have to purchase Office 2010, in which case you may also need to purchase an upgrade for your operating system.

Students enrolled in programs through the School of Information Systems and Technology are required to have Microsoft Office 2007 Professional or a more recent version and must have at least the Windows XP Professional operating system installed.

Course Requirements

Some courses have additional software and hardware requirements. All students should review the chart below carefully, as well as any software or hardware requirements specified on the online course pages or in communications from your instructor. Please check to ensure that your computer meets the minimum requirements needed to run any additional software. All software and hardware requirements are subject to change.

All arts and sciences courses require Microsoft PowerPoint Viewer, available as a free download at <http://office.microsoft.com/OfficeUpdate/default.aspx?displaylang=EN> (if you do not have PowerPoint already). From this page, search for "PowerPoint Viewer." In addition, students enrolled in the Bachelor of Science in Communication program must have access to a computer with a built-in microphone and webcam or an external headset with a microphone and an external webcam. Please note: Kaplan University's Support and Solutions Team is not available to offer guidance or technical support concerning the use of microphones or webcams. Students should understand how to operate the built-in features and/or external equipment prior to using them in the classroom environment.

Students who are required to take IT 133: Software Applications—this includes all IT students—or those who wish to take this course as an elective will need the Microsoft Office 2010 Professional or a more recent version of the software package. (For more information on software packages, please see the chart in the Recommended Software and Hardware Vendors section at the end of this document.)

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
GB 500: Business Perspectives	Insights Profile (accessible via insightsvancouver.com/Kaplan.htm) Marketplace Simulation (accessible via www.marketplace6.com)	
GB 601: MBA Capstone	Marketplace simulation (accessible via www.marketplace6.com) Insights Profile (access via insightsvancouver.com)	

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
GM 500: Managers as Leaders	Insights Profile (accessible via insightsvancouver.com/Kaplan.htm)	
GM 592: Project Initiation, Planning, and Execution	Microsoft Project (60-day trial download)	2010
GM 593: Project Cost and Schedule Monitoring and Controlling	Microsoft Project	2003 or later
IT 117: Introduction to Website Development	Microsoft Notepad (available under Microsoft Windows Accessories) OR Apple TextEdit	
IT 133: Software Applications	Microsoft Office	2010
IT 153: Spreadsheet Applications	Microsoft Office Professional or Excel	2010
IT 163: Database Concepts Using Microsoft Access	Microsoft Office Access	2010
IT 193: Foundations of Programming Using Visual Basic	Microsoft Visual Basic Microsoft Visual Studio (free download)	Both 2010
IT 200: Software Engineering	Microsoft Visio (free download)	
IT 214: Foundations of Web Design	Microsoft Notepad (available under Microsoft Windows Accessories) OR Apple TextEdit FTP Tool Adobe Dreamweaver CS5 (CS4 is also acceptable)	CS4 or CS5 **Adobe CS4 or CS5 Web Standard or Premium is recommended, as both of these versions contain all the software required for the Web development courses.
IT 245: Website Development	Adobe Dreamweaver CS5 (CS4 is also acceptable)	**Adobe CS4 or CS5 Web Standard or Premium is recommended, as both of these versions contain all the software required for the Web development courses.
IT 247: Fundamentals of Web Graphics	Adobe Photoshop CS5 (CS4 is also acceptable) Adobe Dreamweaver CS5 (CS4 is also acceptable)	**Adobe CS4 or CS5 Web Standard or Premium is recommended, as both of these versions contain all the software required for the Web development courses.

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IT 250: Enhancing Websites With PHP	HTML Editor (Notepad, TextEdit, or Dreamweaver CS3 or a more recent version) WAMP (free download)	
IT 254: Foundations of Programming Using C#	Microsoft Visual C# .NET (free download)	2008
IT 255: E-Commerce Development	Adobe CS5 (CS4 is also acceptable) Web Standard or Premium Microsoft Office	CS4 or CS5
IT 258: Foundations of Programming Using Java	Java 2 SDK Standard Edition 5.0 jGRASP 1.7	
IT 259: Intermediate Java Programming	Java 2 SDK Standard Edition 5.0 jGRASP 1.7	
IT 261: Desktop Administration	Microsoft Office (including Outlook, not Outlook Express) Windows XP Professional Interactive Solution (interactive CD provided to student)	
IT 271: Visual Basic Fundamentals	Microsoft Visual Basic Microsoft Visual Studio Express (free download)	Both 2010
IT 273: Networking Concepts	Visio (free trial download)	
IT 274: Intermediate C# Programming	Microsoft Visual Studio or Visual Studio C# Express (free download)	2008
IT 275: Linux System Administration	Virtual PC (free trial download), VMWare (free 30-day trial), or Virtual Box	
IT 278: Network Administration	Microsoft Office (Word, Excel, PowerPoint, and Outlook) **Outlook Express cannot be used Microsoft Virtual PC 2004 (45 day evaluation) or VMWare (30-day evaluation) Knoppix (included with textbook) Microsoft Windows Server 2008 (image available from the MSDNAA website)	
IT 283: Networking With TCP/IP	Microsoft Office Wireshark (http://www.wireshark.org/) Packet Tracer (http://academy.delmar.edu/) Microsoft Visio Professional	
IT 293: Intermediate Visual Basic Programming	Visual Studio	2010
IT 299: Associate's Capstone in Information Technology	Microsoft Word, PowerPoint, and Access Microsoft Project (recommended, not required; can download free trial)	

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IT 301: Project Management 1	Microsoft Office	
IT 305: Introduction to Wireless Application Development	JDK version 5 or 6 (http://java.sun.com/javase/downloads/index.jsp) Eclipse IDE (http://www.eclipse.org/downloads/) Android SDK (http://developer.android.com/sdk/index.html) Android Development Tools (http://developer.android.com/sdk/eclipse-adt.html) Microsoft Word	
IT 310: Data Structures and Algorithms	Java Software Development Kit (SDK) Compiler (free download) Integrated Development Environment such as jGRASP, NetBeans, or JCreator	
IT 320: Operating System Concepts	SUSE (free download) VMware Player (free download)	
IT 350: Structured Query Language	Microsoft SQL Server Express (free download)	2008
IT 355: Web Programming Development	Microsoft Visual Studio .NET 2008 Standard Edition (free download) OR Visual Web Developer 2008 Express (free download) Microsoft SQL Server Express (free download)	2008 2008 2005
IT 358: Oracle Query Design	Oracle 10g (included with textbook)	10g
IT 373: Introduction to Multimedia Using Adobe Flash	Adobe Flash CS4 or CS5 Adobe Dreamweaver CS4 or CS5	Adobe CS4 or CS5 Web Standard or Premium is recommended, as both of these versions contain all the software required for the Web development courses.
IT 374: Linux System Administration II	Microsoft Office (Word, Excel, PowerPoint, Outlook) ***Outlook Express cannot be used Microsoft Virtual PC 2004 (45-day trial version available as a free download) or VMWare (30-day trial version available as a free download) SUSE Linux Enterprise Server (included with textbook)	
IT 375: Windows Enterprise Administration	Microsoft Server 2008 Microsoft Virtual (download free trial)	
IT 380: Networking Operating Systems	Microsoft Office Professional Microsoft Windows Server 2003 Enterprise (trial version available as a free download) Red Hat Linux—Fedora (included with textbook)	

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IT 388: Routing and Switching I	Microsoft Visio Professional CCNA™ Virtual Lab Titanium Edition 2.0 (included with textbook)	
IT 390: Intrusion Detection and Incidence Response	Microsoft Office	
IT 450: Software Development Leadership	Microsoft Visual Basic Express (free download)	2008
IT 452: Intermediate Query Design and Reporting	<p>Microsoft SQL Server Express with Advanced Services (free download)</p> <p>The following prerequisite software are free downloads from Microsoft and are automatically installed when SQL Server Express is installed:</p> <ul style="list-style-type: none"> • Microsoft .NET Framework 3.5 SP1 • Windows Installer 4.5 • Windows PowerShell 1.0 <p>Operating system requirements:</p> <ul style="list-style-type: none"> • For a 32-bit system, see http://msdn.microsoft.com/en-us/library/ms143506.aspx#Express32 • For a 64-bit system, see http://msdn.microsoft.com/en-us/library/ms143506.aspx#SSEAdvx64 	2008
IT 456: SQL Server Database Administration	<p>Microsoft SQL Server Express with Advanced Services (free download)</p> <p>One of the following operating systems:</p> <ul style="list-style-type: none"> • Windows XP Professional SP2 (not the Home edition) • Windows Server 2003 SP1 (may be installed on a virtual PC) • Windows Vista Home Basic, Home Premium, Business, Enterprise, or Ultimate edition <p>Hardware requirements:</p> <ul style="list-style-type: none"> • 512 MB of RAM; 1 GB recommended • 600 MHz processor; 1 GHz recommended 	2008
IT 457: Data Warehousing and Data Mining	Microsoft SQL Server 2005 (free download)	Evaluation or Developer Edition
IT 458: Oracle Database Administration	<p>Oracle 11g Enterprise Edition: Available for download at http://www.oracle.com/technetwork/database/enterprise-edition/downloads/index.html</p> <p>Word and Excel</p>	11g
IT 461: Advanced Visual Basic Programming	Visual Studio 2010	2010

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IT 464: Advanced Java Programming	Java Software Development Kit (SDK) 1.6 or a more recent version Java Integrated Development Environment (IDE) such as NetBeans or JCreator (free downloads) MySQL (free download)	
IT 466: Advanced C# Programming	Microsoft Visual C# .NET 2010 (free download) Microsoft Visual Web Developer 2010 (free download) Microsoft SQL Server 2008 (free download)	
IT 470: Interactive Scripting for Web Pages	HTML Editor (Notepad or TextEdit) Multiple browsers , including IE7 (or a more recent version) and Firefox (Version 3 or a more recent version) Recommended: Firebug for JavaScript debugging (http://getfirebug.com/)	
IT 471: Routing and Switching II	CCNATM Virtual Lab Titanium Edition 2.0 (included with textbook)	
IT 475: Network Management	Microsoft Visio (may be purchased through MSDNAA) Microsoft Office Professional	
IT 476: Web Marketing and E-Commerce	Adobe CS4 or CS5 Web Standard or Premium	CS4 or CS5
IT 478: Web Servers and Security	Microsoft Windows Server 2003 (free download from MSDNAA) Red Hat Linux	
IT 482: Network Design	OPNET IT Guru (free download)	2003 or later Academic edition
IT 484: Networking Security	Microsoft Office Professional Microsoft Virtual PC 2004 (45-day trial version available as a free download) Microsoft Windows Server 2003 Evaluation Kit (free download) SOHO Firewall Router (suggestions are SMC Barricade or LinkSys BEFSR41)	
IT 490: Multimedia Scripting	Adobe CS4 or CS5 Web Standard or Premium OR Adobe CS3 Web Standard or Premium	CS3, CS4, or CS5
IT 500: Critical Concepts and Competencies for the IT Professional	Microsoft Office	
IT 501: Principles of Information Technology	Microsoft Office Professional	

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IT 510: System Analysis and Design	Microsoft Visio (included with textbook)	2007
IT 511: Information Systems Project Management	Microsoft Project	2007
IT 520: Database Management Systems	<p>Microsoft SQL Server Express with Advanced Services (free download)</p> <p>The following prerequisite software are free downloads from Microsoft and are automatically installed when SQL Server Express is installed:</p> <ul style="list-style-type: none"> • Microsoft .NET Framework 3.5 SP1 • Windows Installer 4.5 • Windows PowerShell 1.0 <p>Operating system requirements:</p> <ul style="list-style-type: none"> • For a 32-bit system, see msdn.microsoft.com/en-us/library/ms143506.aspx#Express32 • For a 64-bit system, see msdn.microsoft.com/en-us/library/ms143506.aspx#SSEAdvx64 	2008
IT 521: Decision Support Systems	iData Analyzer software (included with textbook)	2008
IT 522: Knowledge-Based Management Systems	Windows or Other Media Player (free download)	
IT 523: Data Warehousing and Data Mining	iData Analyzer software (included with textbook)	
IT 530: Computer Networks	Windows or Other Media Player (free download)	
IT 535: Advanced Networking Systems	Microsoft Shareview optional (free download)	
IT 540: Management of Information Security	<p>Windows XP with Service Pack 2</p> <p>Ubuntu Desktop Linux (free download)</p> <p>Nessus (free download)</p> <p>Nmap (free download)</p>	
IT 541: Computer and Network Security	Microsoft Visio (free download from MSDNAA or the trial from: http://visio.microsoft.com/en-us/TryBuy/TryVisio2010forFree/Pages/Try_Visio_2010_for_Free.aspx)	
IT 542: Ethical Hacking and Network Defense	<p>Microsoft Visio (free download)</p> <p>VMWare (free download)</p>	
IT 599: Applied IT Master Project	Microsoft Project	2007
IX 536: Design and Development Tools	Dokeos, CamStudio, Screencast, Animoto, SWF to MOV Converter, VirtualDub, Audacity (free download or free online account)	

COURSE	REQUIRED SOFTWARE OR HARDWARE	VERSION
IX 542: Multimedia Development and Implementation	iMovie (Apple-Macintosh) or Movie Maker (Windows), QuickTime Player, Windows Media Player, CamStudio, Audacity, VirtualDub, Handbrake, FLV to MOV Converter, SWF to MOV Converter, Wordpress (free download or free online account)	
IX 562: Technology Enhanced Learning Environments—K-12	Illustrator/Flash/Dreamweaver/Photoshop (trials included with textbook) SecondLife (free download)	
MT 483: Investments	Otis (included with course materials)	
PA 230: Introduction to Legal Technology	SmartDraw (included with SmartDraw textbook)	
TH 210: Travel Hospitality and Technology	Apollo software (included with textbook)	

Updated: April 2012. Subject to change.

Kaplan University's Recommended Software Vendor

In the event that you plan to register for a course that requires software you do not currently have installed, we have made arrangements with **e-Academy OnTheHub eStore** that will allow you to purchase certain software at a substantial student discount.

e-Academy OnTheHub eStore

Tel: 888.396.1447 (Toll Free)

Website: <http://kaplan.onthehub.com>

Please note: Students who need individual applications such as Word, Excel, PowerPoint, or Access may find it less expensive to buy the entire Microsoft Office package, rather than individual applications sold separately. The current version of Microsoft Office is Microsoft Office 2010. Microsoft Office 2010 is sold in different editions, which contain different groupings of Microsoft Office applications. Please refer to the following table for more information:

MICROSOFT OFFICE 2010	INCLUDES:						ONE NOTE
	WORD	EXCEL	POWER POINT	OUTLOOK	ACCESS	PUBLISHER	
Professional Academic	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Standard	Yes	Yes	Yes	Yes (with Business Contact Manager)	No	Yes	Yes
Professional	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Office Home and Business	Yes	Yes	Yes	Yes	No	No	Yes
Office Home and Student	Yes	Yes	Yes	No	No	No	Yes

Microsoft Word 2010 and the other Office 2010 applications require at least a Windows XP operating system. Microsoft Office 2010 will not install on computers running previous versions of Windows including 2000 ME, 98, 95, 3.x, or NT4.