



**Montgomery College**

**INFORMATION TECHNOLOGY INSTITUTE**

SUMMER I - Requirements for taking remote classes, and textbook/material information

**System requirements for all remote classes.**

- A PC or Laptop running Windows 10
- A broadband Internet connection
- PC Speakers and Microphone and webcam
- If have not accessed your MC email account before, claim your MC account: [MyMC-Claim your Account](#)

**Textbooks:** Visit the bookstore web site <https://www.bkstr.com/montgomerycollegestore/home> or email the store at [montgomerycollege@bkstr.com](mailto:montgomerycollege@bkstr.com). In the textbooks/materials section we have also provided other links to get your books/materials if they are not available at the College bookstore.

Anything in addition to the main requirement is noted in the table below:

Course Number	Title	System Requirements	Textbooks/Materials
ITI427	Building an Online Website	These courses are delivered through Microsoft Teams. Please make sure you have the PC or laptop requirements stated for all courses. Once you register the instructor will provide clear instructions and guidance on how to access Microsoft Teams and other apps you need to take these classes.	<b>No textbook is required.</b>
ITI406	Power BI - Introduction	Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a> Once you register the instructor will provide clear instructions and guidance on how to access the technology requirement you need to take these classes.	<b>Title:</b> Beginning Power BI <b>ISBN:</b> 9781484225769
ITI419	Visual Analytics Boot Camp	Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a> Once you register the instructor will provide clear instructions and guidance on how to access the technology requirements you need to take these classes.	<b>Title:</b> Visual Analytics with Tableau <b>ISBN:</b> 9781119560203
ITI330	Step by Step Guide to Self-Publish with Amazon	Any version of Microsoft Word Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>	<b>No textbook is required.</b> All resources are free and available online on Amazon.com: <a href="https://kdp.amazon.com/">https://kdp.amazon.com/</a>
ITI427 ITI412 ITI413	<b>Front-End Web Development Sequence</b> Building an Online Website HTML5 & CSS3 JavaScript & jQuery	These courses are delivered through Microsoft Teams. Please make sure you have the PC or laptop requirements stated for all courses. Once you register the instructor will provide clear instructions and guidance on how to access Microsoft Teams and other apps you need to take these classes.	<b>No textbook is required.</b>

ITI241	Network+ Certification Training and Exam Prep	<ul style="list-style-type: none"> <li>laptop or desktop computer with a camera for remote communication and at least 4GB of RAM (memory)</li> <li>A broadband Internet service with at least 2Mbps Up/Down available during the that can support online class/conference over Zoom</li> <li>Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<hr/> <a href="#">TestOut Network Pro</a> ISBN: 978-1-935080-43-5 Cost is \$129 with student code that will be provided at the first class
ITI418	Java Programming - Introduction	<b>Operating System:</b> Windows 10, Linux or Mac OS Java Software Development Kit from <a href="https://www.oracle.com/java/technologies/javase-downloads.html">https://www.oracle.com/java/technologies/javase-downloads.html</a> and the free Eclipse IDE software from <a href="https://www.eclipse.org/downloads/">https://www.eclipse.org/downloads/</a>	<b>No textbook is required.</b>
ITI356	Microsoft Azure - Introduction	Microsoft Azure account set up before class starts: <a href="https://azure.microsoft.com/en-us/free/students/">https://azure.microsoft.com/en-us/free/students/</a> Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>	<b>Title:</b> MCSA Cloud Infrastructure Lab Guide: 70-534 Exam <b>ISBN:</b> 9781544160627
ITI381	Digital Forensics - Introduction	<b>Operating System:</b> Any 64-bit version of Windows or Mac OSX Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>	<b>No textbook required</b>
ITI382	Digital Forensics - Hands-On	<ul style="list-style-type: none"> <li>Any 64-bit version of Windows or Mac OSX as the host OS (Operating System)</li> <li>CPU: 64-bit 4th Gen+ Intel® Core™ i5/i7 2.0+ GHz processor or more</li> <li>A minimum of 8 GB of RAM or higher (For best experience 16GB of RAM is recommended)</li> <li>A minimum of 150 GB free space on System Hard Drive</li> <li>Wireless 802.11 Capability</li> <li>USB 3.x connector</li> </ul> Note: Prior to the beginning of the class, students download and install the following Virtual Machine (VM) platform tools: <ul style="list-style-type: none"> <li>VirtualBox 6.1.4 platform (for Windows) / VirtualBox 6.1.4 platform (for MAC OSX)</li> <li>VirtualBox 6.1.4 Oracle VM VirtualBox Extension Pack</li> </ul> <b>VM Setup Session</b> A three (3) hours online setup session will be held prior to the beginning of the class to help students set up their Windows 10 and Ubuntu Linux Virtual Machines (VM). Please download (BUT DO NOT INSTALL) the following Operating Systems images: <ul style="list-style-type: none"> <li>Windows 10 Enterprise (Evaluations   90 days)</li> <li>Ubuntu 18.04.4 LTS</li> </ul>	<b>No textbook required</b>

ITI428	CISCO CCNA - Introduction to Networks	<ul style="list-style-type: none"> <li>• A broadband Internet service with at least 2Mbps Up/Down available during the sessions (Consult with your Internet Service Provider (ISP), to make sure this bandwidth will be available during the time of the classes. Most ISPs can provide estimates of your service usage.)</li> <li>• A laptop or desktop computer with minimum (in the table shown below SSD drives are preferred over rotational models for much better performance): <ul style="list-style-type: none"> <li>○ Intel i5 or AMD A10 CPU, Quad-Core. Minimum 8Gb of memory. Minimum 256Gb size hard disk.</li> </ul> <p style="text-align: center;"><b>Or</b></p> <ul style="list-style-type: none"> <li>○ Intel i7 or AMD Ryzen CPU, Quad-Core. Minimum 16Gb of memory. Minimum 512Gb size hard disk</li> </ul> </li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<p><b>Textbook:</b>  <b>CCNA 200-301 Official Cert Guide, Volumes 1 and 2</b>  Wendell Odom, CCIE No. 1624 Emeritus  Includes online and desktop Exam Simulation Engine by Pearson and e-book  Volume 1: <b>ISBN-13: 978-0-13-579273-5; ISBN-10: 0-13-579273-8</b>  Volume 2: <b>ISBN-13: 978-1-58714-713-5; ISBN 10: 1-58714-713-0</b>  Get at ciscopress.com or Amazon.com</p>
ITI399	Data Analytics BootCamp - Advanced	<p>PC or laptop with Windows, MacOS, or Linux operating system (no ChromeOS)  Recommended minimum 8GB RAM  Technology:</p> <ul style="list-style-type: none"> <li>• Anaconda: <a href="https://www.anaconda.com/distribution/#download-section">https://www.anaconda.com/distribution/#download-section</a></li> <li>• Tableau: <a href="https://www.tableau.com/academic/students">https://www.tableau.com/academic/students</a></li> <li>• Must use MC email address and submit a copy of class registration form for 1-year student license key . 14-day free trial will not last throughout the course!</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<p><b>No textbook required</b></p>
ITI402	Storytelling with Data	<p>Technology:</p> <ul style="list-style-type: none"> <li>• Any basic art software (example: Paint for Windows, Paintbrush for MacOS)</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<p><b>Textbook:</b>  Storytelling with Data by Cole Nussbaumer Knaflic  <a href="#">Amazon Kindle</a>, <a href="#">Google Books</a>, <a href="#">Barnes &amp; Noble NookBook</a></p>
ITI420	Mastering Tableau – Introduction	<ul style="list-style-type: none"> <li>• Windows, MacOS, Linux (<b>no</b> ChromeOS)</li> <li>• Recommended minimum 8GB RAM</li> <li>• Tableau: <a href="https://www.tableau.com/academic/students">https://www.tableau.com/academic/students</a></li> <li>• Must use MC email address and submit a copy of class registration form for 1-year student license key. 14-day free trial will not last throughout the course!</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<p><b>Textbook:</b>  Learning Tableau - Third Edition by Joshua Milligan  <a href="#">Google Books</a>, <a href="#">Barnes &amp; Noble NookBook</a>, <a href="#">PacktPub</a></p>
ITI403	Ethics in Data Science	<ul style="list-style-type: none"> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<p><b>Textbook:</b>  Weapons of Math Destruction  <a href="#">Amazon Kindle</a>, <a href="#">Google Books</a>, <a href="#">Barnes &amp; Noble NookBook</a></p>

ITI417	Oracle Database: Introduction to SQL ?	<ul style="list-style-type: none"> <li>• A laptop or desktop computer with a camera for remote communication and at least 4GB of RAM (memory)</li> <li>• A broadband Internet service with at least 2Mbps Up/Down available during the that can support online class/conference over Zoom and allow the download of Oracle software and class materials</li> <li>• A working cellphone with internet data</li> <li>• A well working email address</li> <li>• Minimum of computer support knowledge</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<b>No textbook required</b>
ITI240	Security+ Certification Training and Exam Prep	<ul style="list-style-type: none"> <li>• 80 GB hard drive or higher</li> <li>• 2 GB RAM or higher, 2.0 GHz Intel or AMD processor</li> <li>• Windows XP or Windows 7 or later/ OS 10.6 or later</li> <li>• Soundcard</li> <li>• MS Office 2007 or later, Office 2008 (for MAC) or later</li> <li>• Internet Explorer 8.0 or later, Firefox 3.6 or later, Google Chrome 7.0 or later, Safari 5.0 or later</li> <li>• Adobe Acrobat Reader 9.0 or later</li> <li>• Anti-virus program (updated regularly)</li> <li>• Computer microphone and speakers, and Web Camera</li> <li>• A broadband Internet service with at least 2Mbps Up/Down available during the that can support online class/conference over Zoom</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<b>Textbook:</b> CompTIA Security + Get Certified Get Ahead SY0-501 Study Guide Darril Gibson ISBN-13: 978-1939136053 ISBN-10: 1939136059
ITI425	Salesforce Fundamentals	PC or laptop with Windows, MacOS Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>	<b>No textbook required</b>
ITI080 ITI091 ITI305	MS Excel—Level I MS Excel—Level II MS Excel—Level III	PC or laptop with Windows, MacOS Optional: Two monitors Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>	<b>Textbook:</b> <i>Microsoft Excel 2019 &amp; 365 Level 1,2, and 3</i> manuals are required. The manual is available in hard or soft copies. You should get your manual as soon as possible. Get your textbook at the College bookstore <a href="https://www.bkstr.com/montgomerycollegestore/home">https://www.bkstr.com/montgomerycollegestore/home</a> , or at the links below. <a href="http://www.lablearning.com/Microsoft-Excel-2019-365-Level-1-Textbook.html?sc=37&amp;category=91478">http://www.lablearning.com/Microsoft-Excel-2019-365-Level-1-Textbook.html?sc=37&amp;category=91478</a> <a href="http://www.lablearning.com/Microsoft-Excel-2019-365-Level-2-Textbook.html">http://www.lablearning.com/Microsoft-Excel-2019-365-Level-2-Textbook.html</a> <a href="http://www.lablearning.com/Microsoft-Excel-2019-365-Level-3-Textbook.html">http://www.lablearning.com/Microsoft-Excel-2019-365-Level-3-Textbook.html</a>

ITI378	Computer Support Specialist - Microsoft 365 Certified	Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a> Once you register the instructor will provide clear instructions and guidance on how to access the technology requirements you need to take these classes	<b>Title:</b> Exam Ref MD-101 Managing Modern Desktops <b>ISBN:</b> 9780135560839  <b>Title:</b> Exam Ref MD-100 Windows 10 <b>ISBN:</b> 9780135560594
CMP839	Programming Fundamentals	<ul style="list-style-type: none"> <li>• CPU: 2 x 64-bit 2.8 GHz 8.00 GT/s CPUs.</li> <li>• RAM: 32 GB (or 16 GB of 1600 MHz DDR3 RAM)</li> <li>• Storage: 300 GB</li> <li>• Internet access to download the files from <b>Anaconda</b> Cloud or a USB drive containing all of the files you need with alternate instructions for air gapped installations.</li> <li>• Technology environment: <a href="https://www.anaconda.com/distribution/">https://www.anaconda.com/distribution/</a></li> </ul>	Computer Programming for Beginners <b>ISBN-10:</b> 1719439559 <b>ISBN-13:</b> 978-1719439558 E-book version: <a href="https://www.amazon.com">Amazon.com</a>
ITI337 ITI336	Python Programming - Level I Python Programming - Level II	<ul style="list-style-type: none"> <li>• CPU: 2 x 64-bit 2.8 GHz 8.00 GT/s CPUs.</li> <li>• RAM: 32 GB (or 16 GB of 1600 MHz DDR3 RAM)</li> <li>• Storage: 300 GB</li> <li>• Internet access to download the files from <b>Anaconda</b> Cloud or a USB drive containing all of the files you need with alternate instructions for air gapped installations.</li> <li>• Technology environment: <a href="https://www.anaconda.com/distribution/">https://www.anaconda.com/distribution/</a></li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<b>Textbook Info:</b> Learn Python 3 the Hard Way: A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code (Zed Shaw's Hard Way Series)  <b>Learn Python 3 the Hard Way – Introduction</b> ISBN-13: 978-0134692883 ISBN-10: 0134692888
ITI421	Networking Fundamentals	<ul style="list-style-type: none"> <li>• PC or laptop with Windows, MacOS, or Linux operating system</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	Microsoft Networking Fundamentals – Second Edition <a href="https://www.amazon.com/Exam-98-366-Networking-Fundamentals-2nd-ebook/dp/B07F7KRY7L">https://www.amazon.com/Exam-98-366-Networking-Fundamentals-2nd-ebook/dp/B07F7KRY7L</a> Or free <a href="#">PDF Download</a>
ITI284	Cloud - Introduction	<ul style="list-style-type: none"> <li>• PC or laptop with Windows, MacOS, or Linux operating system</li> <li>• Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul>	<b>No textbook required</b>