

**INFORMATION TECHNOLOGY INSTITUTE**

Requirements for taking remote classes.

**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:** Some classes require a book. Visit the bookstore web site <https://www.bkstr.com/montgomerycollegestore/home> or email the store at [montgomerycollege@bkstr.com](mailto:montgomerycollege@bkstr.com)



The instructor will reach out to **registered students** through their MC emails with information on the remote learning process closer to the class start date.

Most instructors are using ZOOM or MS Office Teams.

<https://support.zoom.us/hc/en-us/articles/206618765-Zoom-video-tutorials>

<https://support.microsoft.com/en-us/office/microsoft-teams-video-training-4f108e54-240b-4351-8084-b1089f0d21d7>

Due to COVID, there have been a number of changes to the fall 2020 schedule. See below for the most current schedule and technology information:

1. [Information Technology Schedule by Date](#). (PDF, ) This information is subject to change.
2. Pricing Information can be found in the [WDCE Fall Brochure](#) (PDF, ) pages 23-36
3. [Registration Information](#). Registration may be online via MYMC, or mailed.

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

Course Number	Title	System Requirements
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>
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>

Course Number	Title	System Requirements
ITI418	Java Programming - Introduction	Operating System: 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>
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>
ITI381	Digital Forensics - Introduction	Operating System: 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>
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> <p>Note: Prior to the beginning of the class, students download and install the following Virtual Machine (VM) platform tools:</p> <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 <b>VM Setup Session</b></li> </ul> <p>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:</p> <ul style="list-style-type: none"> <li>Windows 10 Enterprise (Evaluations   90 days)</li> <li>Ubuntu 18.04.4 LTS</li> </ul>
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> <li>Or</li> <li>Intel i7 or AMD Ryzen CPU, Quad-Core. Minimum 16Gb of memory. Minimum 512Gb size hard disk</li> <li>Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a></li> </ul> </li> </ul>

Course Number	Title	System Requirements
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>
ITI402	Storytelling with Data	<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>
ITI420	Mastering Tableau – Introduction	<ul style="list-style-type: none"> <li>• Windows, MacOS, Linux (<u>no</u> 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>

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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>

Course Number	Title	System Requirements
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 Anaconda 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>
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 Anaconda 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>
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>
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>
ITI 412	HTML5 & CSS3	<p>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 all applications you need to take these classes.</p> <p>Website IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor Video Teleconference App: Microsoft Teams.</p>
ITI 413	JavaScript & jQuery	<p>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 all applications you need to take these classes.</p> <p>Website IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor Video Teleconference App: Microsoft Teams.</p>
Course Number	Title	System Requirements
ITI 414	XML / JSON / AJAX	<p>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 all applications you need to take these classes.</p> <p>Website IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor Video Teleconference App: Microsoft Teams.</p>

ITI 415	Responsive Web Design - RWD	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 all applications you need to take these classes. Website IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor Video Teleconference App: Microsoft Teams.
ITI 396	Front-end Web Development Capstone Portfolio	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 all applications you need to take these classes. Website IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor Video Teleconference App: Microsoft Teams.