



**INFORMATION TECHNOLOGY INSTITUTE - Summer 2021**

**System requirements for all remote classes.**

- A PC or Laptop running Windows 10 or MacOS - no ChromeOS please
- 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

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>

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

CATEGORIES	COURSES	TECH REQUIREMENTS
<b>Computer Basics &amp; Office Applications</b>	File Management Skills MS Excel Levels I, II, III MS Word & Excel Foundation Series Cloud Introduction Networking Basics	General requirements for all remote classes Students using MacOS must be familiar with file management in MacOS.
Busines Applications	QuickBooks - All Levels QuickBooks Online	Students are eligible for a one-year trial of QuickBooks Online and a five-month trial of QuickBooks Desktop for Windows (PC). The instructor will contact the student before class starts to provide more information.
Data Analytics	<b>Data Analytics for Managers Track</b> Storytelling with Data Ethics in Data Science Data Science for Managers Automated Tools for Data Science Data Analytics Practitioner Series <b>Data Visualization Track</b> Storytelling with Data Visual Analytics Boot Camp Power BI - Introduction <b>Bootcamps</b> Data Analytics Bootcamp—Introduction Data Analytics Bootcamp—Advanced Visual Analytics Boot Camp	PC or laptop with Windows, MacOS, or Linux operating system (no ChromeOS) Recommended minimum 8GB RAM Technology: • Anaconda: <a href="https://www.anaconda.com/distribution/#download-section">https://www.anaconda.com/distribution/#download-section</a> • Tableau: <a href="https://www.tableau.com/academic/students">https://www.tableau.com/academic/students</a> • 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! • Download Zoom and create account: <a href="https://www.zoom.us/">https://www.zoom.us/</a>
Computer Networks	Networking Fundamentals Network+ Certification Training and Exam Prep ITI Networking Academy Cisco CCNA Complete Program, CCNA v7.0 Cisco CCNA Complete Lab IT Helpdesk Practitioner Training	<ul style="list-style-type: none"> <li>• 80 GB hard drive or higher</li> <li>• Soundcard</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 • 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>
Cybersecurity	Cybersecurity Foundations Training Digital Forensics - Introduction Digital Forensics - Hands-on Security+ Certification Training and Exam Prep	<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 • A minimum of 8 GB of RAM or higher (For best experience 16GB of RAM is ITI382 Digital Forensics - Hands-On recommended)</li> <li>• A minimum of 150 GB free space on System Hard Drive • Wireless 802.11 Capability</li> <li>• USB 3.x connector Note: Prior to the beginning of the class, students download and install the following Virtual Machine (VM) platform tools: • VirtualBox 6.1.4 platform (for Windows) / VirtualBox 6.1.4 platform (for MAC OSX) • VirtualBox 6.1.4 Oracle VM VirtualBox Extension Pack VM Setup Session 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:</li> <li>• Windows 10 Enterprise (Evaluations   90 days) • Ubuntu</li> </ul>

CISSP Test Preparation  
Splunk for Power Users



Once you register the instructor will provide clear instructions and guidance on how to access all applications you need to take these classes

Web Design & Development

Front-End Web Development Training

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.

- IDE: Adobe Dreamweaver (Adobe CC) or Microsoft Visual Code Text Editor
- Firefox Browser (latest release)
- Video Teleconference App: Microsoft Teams.

Programming/Software Development

Programming Fundamentals  
Java Programming - Introduction  
Java Web Development BootCamp  
Python Programming I & II

CPU: 2 x 64-bit 2.8 GHz 8.00 GT/s CPUs. • RAM: 32 GB (or 16 GB of 1600 MHz DDR3 RAM) • Storage: 300

• GB Cloud or a USB drive containing all of the files you need with alternate instructions for air gapped installations.

• Once you register the instructor will provide clear instructions on how to access all applications you need to take these classes

Cloud Computing

Microsoft Azure  
  
Amazon Web Services - Certified Solutions Architect Training

Microsoft Azure account set up before class starts:

<https://azure.microsoft.com/enus/free/students/>

For AWS account; please visit [aws.amazon.com](https://aws.amazon.com)

Download Zoom and create account: <https://www.zoom.us/>

Salesforce

Salesforce Fundamentals  
Salesforce Admin. Training

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.

- Video Teleconference App: Microsoft Teams.