

INFORMATION TECHNOLOGY INSTITUTE - SPRING 2022

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:

<https://www.montgomerycollege.edu/documents/workforce-development-continuing-education/wdce-registration-forms/new-student-mymc.pdf>

- A second monitor is strongly recommended



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 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computer Basics & Office Applications | File Management Skills MS Excel MS Word & Excel Foundations Cloud Introduction Networking Basics Virtual Office Management with Office 365 | 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 | Data Analytics Practitioner - Introduction Data Analytics Practitioner | PC or laptop with Windows, MacOS, or Linux operating system (no ChromeOS) Recommended minimum 8GB RAM Technology: • Anaconda: https://www.anaconda.com/distribution/#download-section Download Zoom and create account: https://www.zoom.us/ |
| Computer Networks | Networking Fundamentals Network+ Certification Training and Exam Prep ITI Networking Academy Cisco CCNA Complete Cisco CCNA Complete - Lab IT Helpdesk Practitioner Training | <ul style="list-style-type: none"> • 80 GB hard drive or higher • Soundcard • 2 GB RAM or higher, 2.0 GHz Intel or AMD processor • Windows XP or Windows 7 or later/ OS 10.6 or later • MS Office 2007 or later, Office 2008 (for MAC) or later • Internet Explorer 8.0 or later, Firefox 3.6 or later, Google Chrome 7.0 or later, Safari 5.0 or later • Adobe Acrobat Reader 9.0 or later • Anti-virus program (updated regularly) • Computer microphone and speakers, and Web Camera • A broadband Internet service with at least 2Mbps Up/Down available during the that can support online class/conference over Zoom • Download Zoom and create account: https://www.zoom.us/ |
| Cybersecurity | Cybersecurity Practitioner Digital Forensics - Introduction Digital Forensics - Hands-on Security+ Certification Training and Exam Prep | <ul style="list-style-type: none"> • Any 64-bit version of Windows or Mac OSX as the host OS (Operating System) • 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) • A minimum of 150 GB free space on System Hard Drive • Wireless 802.11 Capability • USB 3.x connector 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"> • 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: <ul style="list-style-type: none"> • Windows 10 Enterprise (Evaluations 90 days) • Ubuntu 18.04.4 LTS |

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)

Building an Online Website



- Firefox Browser (latest release)

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

AWS – Introduction to Cloud Engineering
AWS – Cloud Practitioner
AWS – Certified Solutions Architect Exam Prep
Microsoft Azure - Introduction

Microsoft Azure account set up before class starts:
<https://azure.microsoft.com/enus/free/students/>
For AWS account; please visit aws.amazon.com
Download Zoom and create account: <https://www.zoom.us/>