



IC3 - Internet & Computing Certification

Computer Training

Course Number: MCTC 01

Certification: Digital Literacy Certificate



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Prerequisites: No previous experience with computers is required however should be familiar with the basic concepts of using keyboard, mouse and switching on the computer.

Course Content

Module A: Computing Fundamentals	
Mobile Devices	<ul style="list-style-type: none">✓ Understand cellular phone concepts Key concepts:<ul style="list-style-type: none">➤ Define what it means to have a cellular phone and what that implies➤ Explain how cellular phone connections require a carrier➤ Describe carriers plans, contracts associated with plans, and how these contracts can vary widely➤ Describe how cell towers provide the connection, as opposed to an ISP infrastructure✓ Be familiar with cellular-enabled tablets Key concepts:<ul style="list-style-type: none">➤ Explain what a tablet can and cannot do➤ Tablets can be wi-fi connected or cellular-enabled➤ A wi-fi connection has no limit on usage, but is limited to a location with the wi-fi connection➤ Usage of tablets that are cellular-enabled affect the cellular data plan; for example, one would not want to stream movies on a cellular connection because it could quickly use up allotted number of gigabytes of data purchased✓ Be familiar with smart phone Key concepts:<ul style="list-style-type: none">➤ Apps can be downloaded to a smartphone



	<ul style="list-style-type: none"> ➤ Abilities and limitations of a smartphone ➤ How a smartphone connects to the Internet ➤ What are the benefits that apps and the operating system provide to the user ➤ A basic phone can be Internet enabled but has limited functionality <p>✓ Understand the use of hard wired phones</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Understand limitations of and capability of a hard-wired phone in a business ➤ On a business phone system, make outgoing calls and transfer a line ➤ Use short codes to get to anyone in the office ➤ Conduct conference calls <p>✓ Know how to configure and use voice mail</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Use voice mail in business ➤ Use voice mail on a cellular phone—both business and personal ➤ Elements of a clear and understandable voice mail message <p>✓ Use of instant messaging</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Differentiate SMS and MMS ➤ Mechanics of instant messaging—technically what can a user do, basically how is the transfer of the message accomplished ➤ Use the basic features of Skype ➤ Use the basic features of chat in gmail ➤ Mechanics—understand what you are technically able to do, what is SMS, what is MMS ➤ Skype good tool to use—that is what they use in simulation, also in gmail app that allows for chat <p>✓ Know how to configure notifications</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Configure notifications for appointments; for example, if you have work email on your phone, create a notification through sound or vibration or screen alert ➤ Understand the rules around configuring notifications
Hardware	<p>✓ Types of devices</p> <ul style="list-style-type: none"> ➤ Server ➤ Laptop ➤ Desktop



Key concepts:

- For each type of hardware above, describe who would be most likely to use each type of device

- ✓ Know the impact of memory and storage on usage

Key concepts:

- Define memory and storage
- Describe usage of memory and storage; for example, if you have a high amount of memory and storage, you can be more free in your usage. If you have low memory there are restraints such as having multiple tabs open in a browser, or the system is slow when bigger programs like PhotoShop
- One can max out storage, especially if storing photos and videos—can fill up hard drive space

- ✓ Know how to connect to different peripherals

- Camera
- Audio
- Microphone
- Printer
- USB devices
- External display

Key concepts:

- Define types of connections; for example, 3.5 mil connections for an audio cable, VGA, HDMI,
- USB for most other things
- Microphone port
- Printers—wireless as well as USB
- Cameras or audio can connect through Bluetooth or infrared connections

- ✓ Understand the use of Ethernet ports

Key concepts:

- Basic definition and use of Ethernet—non-technical
- Use of Ethernet for Internet connectivity—when wireless is not available

- ✓ Connect a device wireless network [Wi-Fi]

Key concepts:

- Connecting a wireless printer
- How to get a device onto wi-fi
- Settings, find secured
- How to enter password or passkey

- ✓ Understand power management and power settings



Key concepts:

- How to save battery time when using a laptop
- Locate power settings and use them
- Differentiate between sleep and hibernate

- ✓ Understand driver concepts as well as their device compatibility

- Know what drivers do
- Know if specific drivers are compatible with a personal device

Key concepts:

- What devices, such as a mouse or keyboard, can work with a personal device like an iPad or smartphone, and how do they connect
- Bluetooth pairing of devices

- ✓ Know platform implications and considerations For Example Mac, PC, Linux, iOS, Android, Firmware

Key concepts:

- Define platforms, describe various platforms
- Understand lines and distinctions between apps on various platforms
- What software works on various platforms—for example, cannot buy Pages for a Windows device, but can buy Word for Mac—but still a different OS
- Professional world still using desktop apps, photoshop
- Some apps cannot be on a mobile operating system
- Define and describe SaaS applications that are delivered online

- ✓ Know platform compatibility

Key concepts:

- Device limitations
 - ✦ *Media compatibility issues [Why won't my video play?]*
 - ✦ *Device limitations [a device might only have Wi-Fi or only have wired capabilities]*

- ✓ Know the difference between cellular, Wi-Fi, and wired networks

Key concepts:

- Define, in general, the difference among these types of networks
- Implications of sending large files on cellular or streaming
- Wi-fi limitations by locations, wired networks you cannot move
- Difference between an ISP provider and a cellular provider

- ✓ Understand concepts regarding connecting to the internet

Key concepts:

- Organizations typically have both wired and wireless connections
- For home use, one must purchase bandwidth and speed from an ISP that is non-cellular



- ✦ *Modem*
- ✦ *Bandwidth, speed*
- ✦ *Have a basic understanding of what a router is*
- ✦ *Wired*
- ✦ *Wireless*

- ✓ Understand common hardware configurations

Key concepts:

- Laptop with multiple monitors, docking stations, CPU with a video card or some laptops have integrated video
- Wireless keyboards, devices connected to a desktop and laptop

- ✓ Implications for document usage

- ✓ Understand the pros and cons of touch screens vs non-touch screen devices

Key concepts:

- Limitations of input using a touch keyboard
- Limitations of input using touch vs keyboard and mouse, such as fine selection points, efficiency of input, having multiple tabs open

Computer Software Architecture

- ✓ Understand operating system versioning and update awareness

Key concepts:

- Implications of updates, understanding benefits and features of new updates

- ✓ Know concepts surrounding applications vs operating system vs global settings

Key concepts:

- Global settings common to all operating systems; for example, password protection, power management configurations, screen resolution

- ✓ Have a general understanding of operating systems and software settings Know basic desktop customization

Key concepts:

- Setting a screensaver, screen resolution, screen background
- Know window management [minimize, maximize, resizing windows]
- Set software preferences

Key concepts:

- Understand basic software settings that a user can set; for example, changing frequency of AutoSave, changing a print setting, and changing settings in Microsoft Office using File/Options

- ✓ Users and profiles

Key concepts:



- Basic concepts of users and profiles; for example, on a Windows PC, a family could use a computer and each user has a distinct account with a user profiles and own login and credentials
- Understand that profiles are customizable

✓ Know file structures and file/folder management

- ✦ *Moving/renaming files*
- ✦ *File permissions*
- ✦ *File extensions*
- ✦ *Managing electronic media [eBooks, songs, videos]*

Key concepts:

- File management of electronic media, how they are controlled by the app
- Understand that one must open an app to find media on a system like Kindle—one must go to the app to manage the media and not the reverse

✓ Zipping/compression

- Document Management

✓ Scanning documents

Key concepts:

- Define scan, understand how a scanned file is stored

✓ Taking picture

Key concepts:

- Transfer a picture to a computer; manage picture files
- Transfer pictures from a phone to various locations

✓ Menu navigation Radio buttons

Key concepts:

- An option ("radio") button limited to one selection
 - ✦ *Check boxes*
 - ✦ *Drop-down menus*
 - ✦ *Multi-select*

Key concepts:

- Enables multiple selections

✓ Searching for files

Key concepts:

- Know where to go for files, use search options to find files
- Use file search techniques such as WIN KEY and start typing; on a Mac Command + Spacebar
- Understand that downloaded files go the Downloads folder

✓ Rights and permissions (administrative rights)



	<p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Understand that Admin-level rights exist and that you may not have permission to access all files in an organization ➤ Describe why permissions are valuable in an organization <p>✓ Define an IP address</p> <p>✓ Know how to install, uninstall, update, repair software</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Software purchased on media might need to be reinstalled <ul style="list-style-type: none"> ✦ From the Internet ✦ Using local media (DVD-ROM, etc.). <p>✓ Troubleshooting</p> <ul style="list-style-type: none"> ➤ Know basic problem solving techniques ➤ Know how to determine problems involving hardware vs. software ➤ Know proper terminology to be able to describe the problem ➤ Know how to find an IP address on a personal computer ➤ Know how to determine a connection speed
Backup and Restore	<p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Understand local backup and restore ➤ A backup is an instance of your machine, restore point is a snapshot in time of settings ➤ Specifically, in Windows 7, differentiate when you would use backup (find a lost file) and when you would use restore (fix settings) <ul style="list-style-type: none"> ✦ Understand backing up concepts ✦ Know how to back up and restore ✦ Know how to complete a full system restore on a personal device <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Complete a full system restore/reset on a tablet and phone ➤ Define factory default setting; if a laptop, reformat a hard drive
File Sharing	<p>✓ Understand file transfer options and characteristics</p> <ul style="list-style-type: none"> ➤ Know how to attach files to e-mail ➤ Know how to get links to online stored files ➤ Understand the difference between publicly shared vs shared links vs shared folders <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Anyone can see the link <p>✓ Understand needs for file compression/zippping in</p>



	sharing
Cloud Computing	<ul style="list-style-type: none"> ✓ Understand “cloud” concepts ✓ Understand cloud storage vs. cloud access concepts Key concepts: <ul style="list-style-type: none"> ➤ Define cloud storage and cloud access ➤ Must have Internet access to get to cloud ➤ Describe cloud storage of photos for different systems, such as iCloud ✓ Understand sharing and collaboration via the cloud <ul style="list-style-type: none"> ➤ Know the benefits of using cloud storage Key concepts: <ul style="list-style-type: none"> ➤ Safe storage, convenience ➤ Access and utilization of the cloud ✓ Understand account management on the cloud ✓ Know how to upload content to the cloud Key concepts: <ul style="list-style-type: none"> ➤ OneDrive, Google Drive, Dropbox, and iCloud ✓ Know how to download content from the cloud ✓ Know how to sync files between devices using the cloud <ul style="list-style-type: none"> ➤ Web apps vs. local apps ✓ Understand Software as a Service (SAAS) concepts ✓ Know what Learning Management Systems (LMS) do Key concepts: <ul style="list-style-type: none"> ➤ Define LMS, describe use of discussion boards, understand how and where personal progress is stored and reported ✓ Understand web app types <ul style="list-style-type: none"> ✦ <i>Online storage apps [Google Drive, Dropbox, OneDrive, iCloud storage]</i> ✦ <i>Online office apps [Google apps, office 365]</i> ✦ <i>Database Driven CRM apps [Salesforce, Oracle, Attask]</i> Key concepts: <ul style="list-style-type: none"> ➤ Define CRM and describe use and benefits; types of organizations that would use CRM ➤ CRM info can be accessed from the cloud ➤ Browser vs. tablet vs. smart phone vs. desktop apps



Security

- ✓ Know credential management best practices
 - ✦ *Username*
 - ✦ *Passwords*
 - Understand the components of a good password
- ✓ Know basic account setting management
- Key concepts:**
 - Your own user account, keeping it secure, locking your computer
- ✓ Know the basic threats to security of computers, data, and identity
 - ✦ *Viruses*
 - ✦ *Trojans*
 - ✦ *Malware*
- ✓ Social engineering
 - Understand the implications of monitoring software (surveillance)
 - Connecting to secured v. unsecured network (wired and wireless)
 - Know the ramifications
- ✓ Understand the risks
- ✓ Know the difference between public v. private computing (using a public computer)
 - Browser histories
 - Cache/cookies
 - Logging out of online and OS accounts
- ✓ Know the use of and importance of anti-virus software
- ✓ Understand how to prevent virus issues
- ✓ Understand how to maintain and update anti-virus software
 - Know the use of firewalls and basic settings
 - Know eCommerce interactions and best practices
 - Recognize the use of a secure connection, networks, [https:]
- ✓ Know how to be a savvy ecommerce consumer
 - Key concepts:**
 - Best practices, such as only buying from known companies, how a site is secure (https)
 - Exercise skepticism; a "verify" symbol may be meaningless
- ✓ Understand what Virtual Private Networks (VPNs) are
 - Key concepts:**
 - Basic definition



Module B: Key Applications	
Common Features	<ul style="list-style-type: none"> ✓ Know copy, cut, and paste keyboard equivalents ✓ Understand the difference between plain text and HTML (text with markup) ✓ Know how to use spell check ✓ Know how to use reviewing features ✓ Know the find/replace feature ✓ Be able to select text or cells ✓ Be able to redo and undo ✓ Be able to drag and drop ✓ Know the read-only view ✓ Understand what a protected mode means ✓ Be able to use the zoom feature
Word Processing	<ul style="list-style-type: none"> ✓ Perform basic formatting skills ✓ Adjust margins, page sizes, and page orientation ✓ Alter text and font styles ✓ Create and save files ✓ Know page layout concepts <ul style="list-style-type: none"> ➤ Page numbering ➤ Columns ➤ Margin ➤ Alignment, text in paragraphs and tables ➤ Tabs and rulers ➤ Orientation ➤ Spacing ✓ Know how to print a word processing document ✓ Use and configure print views ✓ Use reviewing options within a word processing document ✓ Turn on and off change tracking features Accept or reject proposed changes. <ul style="list-style-type: none"> ➤ Be able to use tables ➤ Understand which file types are compatible and/or editable with word processors ✓ Example include Pdf, Pub, Doc, Docx, Txt, etc. <ul style="list-style-type: none"> ➤ Use word processing templates to increase productivity
Spreadsheets	<ul style="list-style-type: none"> ✓ Understand common spreadsheet terms <ul style="list-style-type: none"> ➤ Cell ➤ Column ➤ Row ➤ Range ➤ Worksheet



	<ul style="list-style-type: none"> ➤ Workbook ➤ Navigation ✓ Be able to insert/delete rows and columns ✓ Be able to modify cell sizes ✓ Be able to filter and sort data ✓ Understand functions, formulas, and operators <ul style="list-style-type: none"> ➤ Understand their purpose and how they are used ➤ Recognize syntax ➤ Be able to create simple formulas ✓ Be able to enter data in a spreadsheet ✓ Use and create spreadsheet charts <ul style="list-style-type: none"> ➤ Recognize charts ➤ Read and interpret charts ➤ Create simple charts. ✓ Create spreadsheet tables <ul style="list-style-type: none"> ➤ Recognize tables ➤ Use and manipulate tables ➤ Create simple tables. ✓ Manipulate data within a spreadsheet <ul style="list-style-type: none"> ➤ Merge and unmerge cells ➤ Cut, copy, and paste data. ✓ Format data within spreadsheets <ul style="list-style-type: none"> ➤ Modify borders, fill color, text color, alignment, data type ✓ Understand compatible spreadsheet file types (Examples include Csv, Xlsx, Tab delimited, etc.) <ul style="list-style-type: none"> ➤ Be able to use spreadsheet templates to increase productivity ➤ Understand how a spreadsheet can be used as a simple database
Databases	<ul style="list-style-type: none"> ✓ Understand what data is ✓ Understand how websites utilize databases ✓ Know basic concepts of a relational database <ul style="list-style-type: none"> ➤ Field ➤ Table ➤ Data ➤ Query ➤ Form ✓ Know what metadata is
Presentations	<ul style="list-style-type: none"> ✓ Understand file types compatible with presentation software <ul style="list-style-type: none"> ➤ Sharing [presentation, handout, outlines, video] ➤ Publishing [pptx, pdf, jpg, show, png] ✓ Understand how to connect to external/extended monitors to display presentation <ul style="list-style-type: none"> ➤ Cables ➤ Audio



	<ul style="list-style-type: none"> ✓ Be able to use presentation views and modes ✓ Know how to add animations, effects, and slide transitions ✓ Know how to create and organize slides <ul style="list-style-type: none"> ➤ Slide management ➤ Inserting and managing media files ✓ Know how to design slides ✓ Be able to use templates ✓ Identify presentation software options <ul style="list-style-type: none"> ➤ Presentations ➤ Add slides ➤ Delete slides ➤ Revise slide order ➤ Layout
<p>App Culture</p>	<p>Key concepts: Overall, how apps are obtained (must have an account), app stores, purchasing apps with a credit card, in-app purchases, how to use an app store</p> <ul style="list-style-type: none"> ✓ Understand how to obtain apps <ul style="list-style-type: none"> ➤ Web apps ➤ App stores ✓ Identify different app genres <ul style="list-style-type: none"> ➤ Productivity ➤ Reference ➤ Content ➤ Creation ➤ Social media ➤ Music ➤ Health ✓ Understand strengths and limits of apps and applications <ul style="list-style-type: none"> ➤ Applications may only run on certain devices
<p>Graphic Modification</p>	<ul style="list-style-type: none"> ✓ Be able to import and insert images into documents ✓ Understand how to crop images



Module C: Living Online

Internet (Navigation)

- ✓ Understand what the Internet is
 - Understand how the Internet works

- ✓ Network topologies
- Key concepts:
 - Basic level, networks to networks, servers to servers—this is the Internet
 - Internet vs intranet—closed network—open vs closed

- ✓ DNS, IP addresses

Key concepts:

 - Device to device, how you communicate
 - ✦ Domain **types** [.gov, .edu, .com, .us, .uk, etc.]
 - ✦ Bandwidth

- ✓ Understand data sizes [bits vs. bytes vs. megabytes, etc.]
 - Be familiar with media literacy

- ✓ Know how to search the Internet
 - Advance searches (keyword, hashtag) Key concepts:
 - Use search techniques such as inserting a colon and using options in search box
 - Demonstrate judgment and savviness when evaluating websites, such as asking who wrote the information, for what audience is the information intended, are persuasive words used? □ How to determine if a site is valid

- ✓ Research fluency
 - Validity of resources

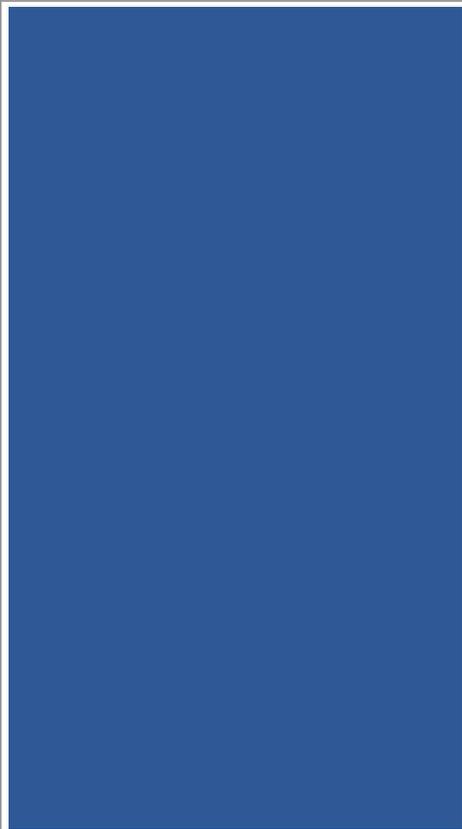
- ✓ Understand browser functionality
 - HTML/CSS
 - Cookies
 - Cache
 - Breadcrumbs
 - Plugins □ Widget
 - Add-ons
 - In-browser apps
 - Popups
 - Different browsers
 - Browser navigation (URLs, scroll bars, etc.)
 - New window, tabs
 - Bookmarks, favorites, synchronize bookmark



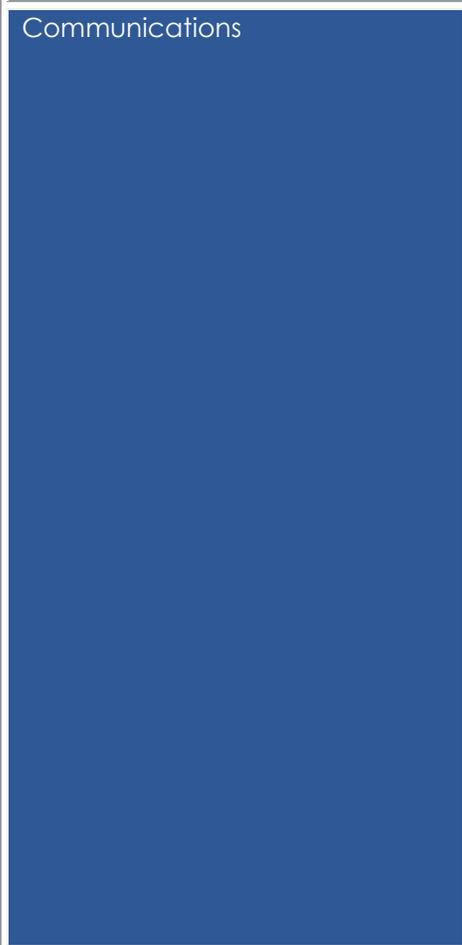
	<ul style="list-style-type: none"> ✓ Know about IP rights/usage <ul style="list-style-type: none"> Key concepts: ➤ IP rights regarding images and articles, which have owners □ Fair use ✓ Know about licensing rules/laws <ul style="list-style-type: none"> Key concepts: ➤ If your company gives you software, you can't install at home <ul style="list-style-type: none"> ✦ Of <i>intellectual</i> property Software programs. ✦ Know about copyrights ✓ Know about censorship and filtering <ul style="list-style-type: none"> Key concepts: ➤ Define censorship and describe why it's needed ➤ Explain why there are rules around explicit content and the reason we should know about it from an organization standpoint ➤ Understand appropriate use of the Internet in a business setting; cannot offend others or search for offensive material ➤ Companies may block Facebook or other sites; this is legal and appropriate for companies to do ✓ Know plagiarism rules/laws <ul style="list-style-type: none"> Key concepts: ➤ Describe plagiarism laws, how these laws are punishable ➤ How detecting plagiarism is now easier ➤ Fair use
Common Functionality	<ul style="list-style-type: none"> ✓ Understand how to use common website navigation conventions <ul style="list-style-type: none"> ➤ Click / delayed / double click ➤ Mouse over ➤ Drag and drop ➤ Basic web navigation principles
Email clients	<ul style="list-style-type: none"> ✓ Identify email applications <ul style="list-style-type: none"> ➤ Desktop application platform [ie. Outlook] ➤ Web-based platform [Gmail, Yahoo] ✓ Understand email etiquette <ul style="list-style-type: none"> ➤ Reply vs reply all, forward ➤ Cc vs bcc ➤ Signature ➤ Header ➤ SPAM ➤ Junk mail ✓ Understand email history and management



	<ul style="list-style-type: none"> ➤ Spam / junk email ➤ Archiving ➤ Trash ➤ Folders <p>✓ Understand e-mail attachments</p> <p>Size limits</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Web apps vs desktop apps <p>✓ Understand contact management</p> <ul style="list-style-type: none"> ➤ Address books
<p>Calendar</p>	<p>✓ Know how to create events and appointments</p> <ul style="list-style-type: none"> ➤ Recurring ➤ Details (location, time zone, notes) <p>✓ Know how to share calendars</p> <p>Invitations</p> <p>✓ Know how to view multiple calendars</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Multiple calendars can be connected in one view; show up in different colors in same user interface <p>✓ Understand how to subscribe to calendars</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ A public calendar (like a municipal calendar) vs sharing your own calendar
<p>Social Media</p>	<p>✓ Understand what a digital identity is (identity on social media)</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Concept of once you do something, it cannot be undone <p>✓ Know what social networks are and how they are used [FB, LinkedIn etc.]</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Define social network; describe how Facebook is a social network ➤ Describe LinkedIn and how it functions as a social network; explain how LinkedIn is a valuable social network for business <p>✓ Know other types of networks [YouTube, Instagram, etc.]</p> <p>Key concepts:</p> <ul style="list-style-type: none"> ➤ Define digital identity ➤ Describe how following certain people on social networks such as YouTube and Instagram says something about the individual



- Describe how you are choosing your digital identity based on the choices you make on all of these networks; use caution and understand that these choices follow you
- ✓ Recognize the difference of internal (school/business) vs. open media sites
 - Key concepts:**
 - There are business and school social media sites, such as Neo and Yammer and Slack
 - Difference between an open social media site and a closed site; for example, Facebook started as a closed site (for students at a specific college), but is not an open site available to anyone who signs up for an account
- ✓ Neo v. Facebook
 - Know what blogs, wikis, and forums are and how they are used
 - Know what cyber bullying is
 - Key concepts:**
 - Define cyber bullying, cite examples
 - Describe how to be conscious of other people; explain that a person is always on both sides-not just interacting with a computer



Communications

- ✓ Know the best tool for the various situations and scenarios
 - Key concepts:**
 - Describe how different communication technologies (email, phone, text message) are suited for differing circumstances; for example, if you needed to get an urgent message to your boss, what technology is best?
 - Describe which technology is likely to get the fastest and slowest response from the recipient Email
 - ✦ SMS
 - ✦ Instant message
 - ✦ VOIP
 - ✦ Phone calls
 - ✦ Web ex
 - ✦ Conference calls
- ✓ Know how to use SMS texting
 - Key concepts:**
 - Describe appropriate use of SMS; for example, when communicating with your boss, maybe use text only if he or she is out of the office
- Etiquette**
 - Know what it is and how it can be used as a tool
 - Know when to use and not use



	<ul style="list-style-type: none"> ➤ Determine when it is appropriate to use it ✓ Know how to use chat platforms <ul style="list-style-type: none"> Key concepts: ➤ Describe and demonstrate the use of Skype as a chat platform in business ✓ Understand options for and how to use distant/remote/individual learning technologies ✓ Know basic remote workforce tools <ul style="list-style-type: none"> Key concepts: ➤ Identify tools and options to increase productivity for distant employees or co-workers ➤ Describe workplace storage options such as SharePoint ➤ Describe and identify various platforms for web and video conferencing ➤ Describe common features of such platforms such as being able to share your screen, edit documents at the same time
Online Conferencing	<ul style="list-style-type: none"> ✓ Understand and identify online conference offerings <ul style="list-style-type: none"> ✦ <i>VOIP conferencing [Skype]</i> ✦ <i>Video conferencing [Google hangouts, Skype, Facetime]</i> ✦ <i>Phone conferencing</i> ✦ <i>Screen sharing</i>
Streaming	<ul style="list-style-type: none"> ✓ Understand what streaming is and how it works with devices <ul style="list-style-type: none"> Key concepts: ➤ Differentiate between streaming and downloading ➤ Define live audio ➤ Describe how you could stream the video of a live recording <ul style="list-style-type: none"> ✦ <i>Video streaming</i> ✦ <i>Live streaming</i> ✦ <i>Audio streaming</i>
Digital Principles/Ethics/Skills/Citizenship	<ul style="list-style-type: none"> ✓ Understand the necessity of coping with change in technology Audience awareness <ul style="list-style-type: none"> Key concepts: ➤ Demonstrate sensitivity when determining the most appropriate technology to use when communicating with others; for example, some people can Skype but some may not know or have that technology ✓ Understand Digital Wellness basics <ul style="list-style-type: none"> ✦ <i>Screen time</i> ✦ <i>Ergonomic best practices</i> ✓ Understand an online identity management



	<p>Branding</p> <p>Key concepts:</p> <ul style="list-style-type: none">➤ Define and describe a personal digital footprint➤ Explain the consequences (both positive and negative) of how you define yourself online➤ Describe how your online activities define how others perceive you➤ Describe how potential employers might perceive you by searching your name online □ Describe how you can create your own positive online identity
Managing profiles	<ul style="list-style-type: none">✓ Gaming✓ Facebook✓ Twitter✓ LinkedIn✓ etc...➤ Know the difference between personal vs. professional identity

