#### Module 2: Internet Smart

Use this list of Vocabulary Terms and Guided Questions to help you take notes as you complete your lessons. Your notes may be used during quizzes, tests, DBAs, and the final exam. Print or download as a Word Document to write or type your notes.

- BEFORE reading: READ the vocabulary terms and guided questions. THINK about what you already know, then PREDICT the meaning of each term and the answers for each question.
- **DURING reading:** WRITE keywords to help you answer the vocabulary and answer the questions.
- AFTER reading: REREAD your notes to make sure you understand what you wrote. If necessary, REVIEW the lesson. Record any questions that you may have.

#### Tips/Guidelines

- Take enough notes to help you remember what you've learned but be selective (not too wordy). Use keywords, synonyms, abbreviations, and paraphrasing to define vocabulary, answer guided questions, and summarize information.
- Pay special attention to headings, print color and bold, italicized, or underlined print, as well as graphics (charts, tables, and diagrams).
- Include numbering, bulleted lists, drawings, diagrams, or tables as needed for organization and clarification.

# 2.01 History of the Internet

# 2.02 Upper Row R and U

### **Vocabulary Terms** Internet digital native

#### **Guided Questions**

e-commerce

- What is the internet?
- What is a digital native?
- What are some expert predictions for the future of the internet?
- Why was the internet originally created?
- What are some important dates and events in the history of the internet?
- How do you use proper keyboarding techniques to type the R and U keys?
- Which fingers are used to type the R and U keys?

# 2.03 Internet Ethics 2.04 Upper Row E and I

#### **Vocabulary Terms**

scam computer virus
hackers copyright
identity theft unethical
anti-virus software ethical
netiquette public domain
password Creative Commons
passphrase common knowledge

upper reach keys middle fingers home row thumbs workstation space bar

ergonomics

#### **Guided Questions**

- Why is it important to stay safe and protected while on the internet?
- What is hacking? identity theft? scamming?
- How can you follow these internet safety tips and how do these tips protect you?
  - Use anti-virus software
  - Create strong passwords
  - Keep personal information private
  - o Practice safe browsing
- What is the difference between a password and a passphrase?
- How should you safely handle pop-ups in emails and when browsing on the internet?
- How do you identify online communication that may be unsafe?
- What is netiquette and when should you use it?
- What are five key things to consider so that you can interact using proper netiquette? Why are these important?
- How can you respect the privacy rights of others?
- What is copyright law and why is it important?
- What are some examples of original work protected by copyright law?
- What are the rules you should follow to abide by copyright laws?
- What are some ways that you can ethically use information found online?
- What is important to know about using the following type of copyrighted information found online?
  - Copyright / copyright symbol ©
  - o Public Domain
  - Creative Commons
  - Common Knowledge
- How do you use proper keyboarding techniques to type the E and I keys?
- Which fingers are used to type the E and I keys?

### 2.05 How the Internet Works

#### **Vocabulary Terms**

internet web browsers

modem

World Wide Web (WWW)

router

Wi-Fi

internet service provider (ISP)

uniform resource locator (URL)

Domain Name System (DNS)

internet protocol (IP) address

#### **Guided Questions**

- What is the internet?
- What is the World Wide Web (WWW)?
- What is the difference between the internet and the World Wide Web?
- What is the purpose of each component needed to connect to the internet?
  - o modem
- o internet service provider (ISP)
- o router
- o Wi-Fi
- What is a web browser and what are some examples?
- How do you access a website?
- What is a URL?
- What are the parts of a URL?
- When accessing a website, what happens in each step of the process?
- o Input:
- Translate:
- Locate:
- Send:
- What are the meanings of different domain name extensions of a website in the URL?

.com; .net; .edu; .org; .gov; .mil

# 2.06 Upper Row W and O

#### **Vocabulary Terms**

upper reach keys ring finger home row thumbs workstation space bar ergonomics

#### **Guided Questions**

- How do you use proper keyboarding techniques to type the W and O keys?
- Which fingers are used to type the W and O keys?

## 2.07 Keywords Are Key

#### **Vocabulary Terms**

search engine keyword bookmark

#### **Guided Questions**

- What is a search engine?
- What are examples of popular search engines?
- Why are search engines helpful?
- Why is it important to use specific and relevant keywords when searching for a topic in a search engine?
- What tips should you follow when using keywords to search a topic on the internet?
- How can you filter search results for different types of information?
- Why might it be helpful to use different search engines when searching for information on the internet?
- What are bookmarks and why are they helpful?
- What are the steps for bookmarking a webpage?

# 2.08 Upper Row Q and P

#### **Vocabulary Terms**

upper reach keys pinky fingers home row

thumbs

workstation space bar ergonomics

### **Guided Questions**

- How do you use proper keyboarding techniques to type the Q and P keys?
- Which fingers are used to type the Q and P keys?

# 2.09 Reliable Websites 2.10 Upper Row T and Y

#### **Vocabulary Terms**

valid reliable websites

biased

upper reach keys home row workstation thumbs space bar ergonomics index fingers

#### **Guided Questions**

- What is a website?
- What are the characteristics of valid and reliable websites?
- What questions can you ask to determine if information on a website is reliable and valid?
- Why is it important for you, the user, to determine the validity and reliability of a web site?
- What does it mean to be biased?
- What are the characteristics of valid and reliable websites?
- What are the 5 Ws and how can you use them?
- Why is Wikipedia not a reliable and valid website?
- How can Wikipedia be helpful when conducting research?
- How do you use proper keyboarding techniques to type the T and Y keys?
- Which fingers are used to type the T and Y keys?

## 2.11 Upper Row Review

#### **Review Questions**

- What is the history of the internet?
- How do you avoid scams and identity theft from hackers?
- How do you use proper netiquette?
- What is the difference between the internet and the World Wide Web?
- What internet components are used to access and search the internet?
- How do we check to see if a website is reliable?
- How do we honor the copyright of anything we use from the internet?
- Which fingers are used to type the upper row reach

Left Hand Fingers	Keys	Keys	Right Hand Fingers
pinky			pinky
ring			ring
middle			middle
index			index
thumb			thumb

Left Hand Fingers	Keys	Keys	Right Hand Fingers
pinky			pinky
ring			ring
middle			middle
index			index
thumb			thumb