

Application and Extension of Knowledge

1. Research common location of embedded computers. Make a list of devices you use each day that contain embedded computers. Make a list and be ready to discuss it.
2. Identify three emerging technologies. List one positive and one negative effect of each. Be prepared to defend your position in class.
3. Identify five new information technology careers that were created as a result of the advent of social media.
4. Research the practice of data mining and develop an opinion on the practice. Write a one-page paper stating your view of the advantages and disadvantages of data mining in regard to personal privacy.
5. Write a one-page paper describing why you feel an information technology worker must keep his or her skills up to date.

Communication Skills

Reading: Read a magazine, newspaper or online article about the importance of effective communication for teens, especially when using social media. Determine the central ideas of the article and review the conclusion made by the author. Take notes to identify its purpose and intended audience. Demonstrate your understanding of the information by summarizing what you read.

Writing: Rhetoric is the study of writing or speaking as a way of communicating information or persuading someone. Describe a rhetorical technique that a writer can use to provide information or persuade someone. Write an example of the technique you chose.

Speaking: Create a one-act play for two persons that depict both a positive and a negative interaction between two coworkers. Include notes to the actors about body language and facial expressions. What is the essential difference between the two interactions? How does body language influence whether the message will be received negatively or positively? Write several paragraphs describing your opinion about the impact of body language in the workplace.

Internet Research

Digital Citizenship: Research digital citizenship using various Internet resources. List and analyze specific elements of digital citizenship that users of technology should understand when using the Internet. What are the day-to-day effects of citizenship on society? Summarize your findings.