

English Language Arts

Reading

_____ Interpret, evaluate, and apply information from a variety of sources. **IT-01**

Writing

Listening and Speaking

_____ Acquire the interpersonal skills and knowledge to support the user community. **IT-02**

Writing

Listening and Speaking

Research

_____ Communicate effectively as writers, listeners, and speakers in diverse social and technological environments. **IT-03**

Mathematics

Data Analysis and Probability

_____ Recognize the basic functions of operating systems, environments, utilities, and their associated problems. **IT-04**

_____ Recognize the functions of application software and the problems associated with installation and use. **IT-05**

_____ Design, develop, test, and implement programs. **IT-06**

_____ Demonstrate the skills necessary to design, deploy, and administer networks and communication systems. **IT-07**

_____ Use, evaluate, and deploy communication and networking applications. **IT-08**

Science

Inquiry and Design

_____ Configure, install, and upgrade hardware; diagnose and repair hardware problems. **IT-09**

Science, Technology, and Society

_____ Evaluate the impact of information technology on society. **IT-10**

_____ Evaluate current and emerging computer architecture. **IT-11**

_____ Plan the selection and acquisition of information technologies. **IT-12**

_____ Explore risk management policies. **IT-13**

_____ Evaluate privacy and ethical issues in a technology-based society. **IT-14**

Social Science

Social Systems

_____ Explore career paths in information technology. **IT-15**