

The Center for Education and Research in Information Assurance and Security

# Cybersecurity Curriculum for Business Courses in Secondary Education

Teacher: Rachelle Hamilton, Delphi Community High School Advisors: Dr. Melissa Dark & Dr. Brandeis Marshall

### Introduction

To introduce the importance of cyber security in today's digital world and inform them of the cyber security career field.

Information **Security Analyst** Network and \$86,170 Computer 37% increase Cyber Forensics **Systems** Administrator \$54,360 \$72,560 7% increase 12% increase Cyber Security Computer and Information Cryptologist Systems Manager Careers \$101,360 \$120,950 23% increase 15% increase Indiana Std.-Analyze career trends, options, and opportunities for employment **Computer System** Computer Analyst Programmer \$79,680 \$74,280 Database 25% increase 8% increasse Administrator \$77,080 Salary as of 2012 Job outlook percentage 15% increase Source: bls.gov and onetonline.org

## Digital Communication and Digital Etiquette

Indiana Std.-Demonstrate standards of legal and ethical behavior in human, cultural, societal issues Related to technology and digital citizenship.

### Lesson Objectives

Advantages/Disadvantages of Digital Communication

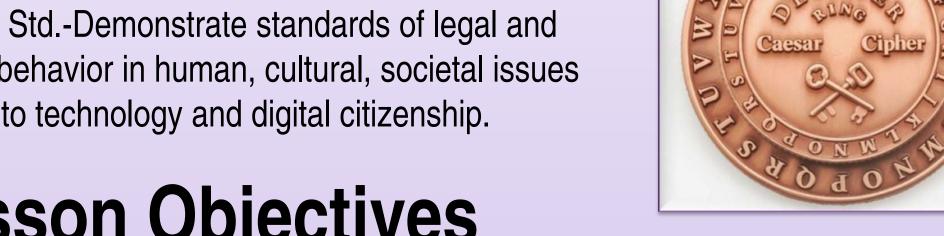
Appropriate behavior for Digital Etiquette

### **Problem Statement**

To integrate cybersecurity to Delphi Community High School secondary grade level students by incorporating curriculum into my Business Management and Careers classes.

## IMPORTANCE OF DIGITAL SECURITY

Indiana Std.-Demonstrate standards of legal and ethical behavior in human, cultural, societal issues related to technology and digital citizenship.



### Lesson Objectives

- Differentiate between privacy and security
- Ways to keep your personal information secure and private
- Understand encryption

### Digital Law

Indiana Std.-Demonstrate standards of legal and Ethical behavior in human, cultural, societal issues Related to technology and digital citizenship.



http://www.geocaching

#### Lesson Objectives

Understand the rules and consequences for violating Digital Laws

- Copyright Laws
- Pirating Software
- Identity Theft
- Hacking Into Systems





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