

HIGH SCHOOL COURSE SYLLABUS

COURSE TITLEIntroduction to Cybersecurity.....TERM **2017-2018**

TEACHER *Melissa Rommelman*

ROOM #**225**

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Teacher Web Page	
Teacher Support	Help sessions are available ...

COURSE DESCRIPTION

Introduction to Cybersecurity is designed to provide students the basic concepts and terminology of cybersecurity. The course examines how the concept of security integrates into the importance of user involvement, security training, ethics, trust, application of cybersecurity practices and devices, and best practices management. The fundamental skills cover internal and external threats to network security and design, how to enforce network level security policies, how to protect an organization's information, and a broad range of other topics.

Various forms of technologies will be used to expose students to resources, software, and applications of cybersecurity. Professional communication skills will be used to expose students to resources, software, and applications of cybersecurity. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course.

Introduction to Cybersecurity is the second course in the Cybersecurity career pathway of the Information Technology Career Cluster and primarily focuses on the National Cybersecurity Workforce Framework category Protect and Defend and the Computer Network Defense work roles. Students enrolled in this course should have successfully completed Introduction to Digital Technology.

COURSE CURRICULUM CONTENT

Standards for this course are located at <https://schoolwires.henry.k12.ga.us/Page/106073>

INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
Computer Security Principles and Practice* Cert Guide SYO-401*	2" Binder, paper, pen or pencil, headphones
*Classroom Copy	

EVALUATION AND GRADING

Assignments	Grade Weight	Grading Scale
Practice Work	Class work, homework, formative assessments, diagnostic assessments, written reflections.....20%	A: 90 and above B: 80 – 89 C: 74 – 79 D: 70 – 73 F: 69 or below
Assessment Task	Selected response assessments, summative unit assessments, culminating performance tasks, projects.....60%	
Semester Summative Assessment Task	Access multiple units.....20%	

OTHER INFORMATION

Expectations for Academic Success	Additional Requirements/Resources
<ol style="list-style-type: none"> 1) Complete daily classwork assignments 2) Participate in class discussions and ask questions 3) Participate constructively as a team member 4) Problem solve and accept challenges 5) Challenge yourself to continuously improve 	<ul style="list-style-type: none"> • Acceptable Computer Use Policy • Tutoring Available • Gmail account for assignment tracking(set up at school)

The syllabus may be updated as needed throughout the year.