HIGH SCHOOL COURSE SYLLABUS

COURSE TITLE ....NETWORKING FUNDAMENTALS…………………TERM *2017-2018*

TEACHER ....Melissa Rommelman   ROOM # *225*

Email Address Teacher Web Page	mrommelman@henry.k12.ga.us	https://schoolwires.henry.k12.ga.us/Domain/8606
Teacher Support	Help sessions are available …

COURSE DESCRIPTION

How do computers communicate? How are you connected? Start with a building block of knowledge of networks, local area networks, IP Addresses, subnetting, and data routes from a LAN to WAN. This course is designed to provide students with the background necessary to understand the local area networking information on workstations and networking. Students will learn the processes involved in designing, implementing, upgrading, managing, and otherwise working with networks and network technologies.

Various forms of technologies will be used to expose students to resources, software, and applications of networking. 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.

Networking Fundamentals is the second course in the Networking pathway in the Information Technology cluster. 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/106076

INSTRUCTIONAL MATERIALS AND SUPPLIES

Published Materials	Instructional Supplies
Networking Fundamental Textbook, Study Guide, and Laboratory Manual* Cert Guide Network +Exam N10-006* *Classroom Copy	2" Binder, paper, pen or pencil, headphones

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
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	• 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.