Marbury Middle School
(334) 365-3522

Introduction to Cyber Security
Instructor: James Huckabee
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2020-2021

Introduction to Cyber Security provides students with a basic understanding of computer structure and functionality, as well as ethics and security concepts which can be used to further their study/career path in high school and beyond. Students will experience hands-on activities to explore hardware and software components and implement basic computer security principles. Foundational concepts in computer storage, network connectivity, operating systems, and data structures are introduced. Additional topics include: coding concepts and practices; code processing within the computer; examining historical and emerging technologies; and discovering college and career pathways that are related to information technology and computing technology

Class Technology Fee: All students are required to pay a $10 Technology fee. This fee covers purchasing and maintaining technology and other supplies for the classroom including paper, ink, other materials for hands-on activities, and various activities that students will take part in throughout the school year.

Required Materials:
- Pair of wired headphones with a standard 3.5mm headphone jack. They can be over the ear or ear buds. Due to COVID-19, we cannot provide headphones to students or share headphones.
- Spiral notebook for journaling and note-taking.
- Pen

Most daily work will be done on a computer connected to the internet. Access to a computer and internet at home is recommended, but not a requirement. Ample time will be provided in class to complete any required computerized assignments.

Competitive Events: Throughout the course, students may be presented with opportunities to apply their knowledge of cyber-security in a competitive event. The events will be educational in nature and provide students with real-world scenarios where they can apply their knowledge. Such opportunities may have a participation fee to compete. Fundraising and other funding opportunities may exist, and students will be given notice in advance of any fees to give time to fund participation. Please email Mr. Huckabee if you have any questions about competitive events.

Class Expectations:
1. Be Respectful to all students, faculty, and staff.
2. Students must wear a mask when required and follow all social distancing guidelines.
3. All students and parents must join the REMIND app text message group to facilitate open communication.
4. Be in your assigned seat before the bell rings, or you will be tardy.
5. Use the restroom and visit your locker before class.
6. Talking without permission will not be tolerated. (Raise your hand!)
7. Listen to instructions and follow them the first time they are given.
8. Bringing any food, gum, or drinks into the computer lab is strictly prohibited.
9. All policies, rules, and regulations outlined in the ACBOE Student Code of Conduct will be followed. You are responsible for familiarizing yourself with the Code of Conduct.
10. Abuse of computers and any other equipment will not be tolerated and will result in an office referral.
11. Academic dishonesty (cheating) will not be tolerated. In the case of academic dishonesty involving two or more students who willfully participate, all students will receive a zero on the assignment(s) involved.
12. It is the student's responsibility to schedule makeup work after returning from an absence. School policy will be followed in accordance for makeup work.
13. Carefully read the Student Acceptable Use Policy for Technology in the ACBOE Code of Conduct. It will be strictly enforced.

Grading Policy:
1. All assignments are subject to grading.
2. A standard 100-point grading scale will be used. A=90-100, B=80-89, C=70-79, D=60-69, F=59 or below.
3. Any fractional grades of .5 and greater will round up to the nearest whole number. (89.5 rounds to 90)
4. A majority of grades will come from daily work and projects completed in class.
5. Daily grades will come from performance grades, teacher observation, and participation. Excessive talking or failure to participate may result in a loss of daily points.
6. Exams will be given periodically on concepts, principals, and skills learned in class. Some exams may be written, while others will be completed as applications on the computer.
7. Guardians may access students' grades at any time through the Information Now Parent Portal.
8. If homework is assigned, it must be returned in a timely manner; Missing work will result in a missing grade!

Introduction to Cyber-Security
Please fill out and return to Mr. Huckabee by **Friday, September 11, 2020.**

Student's Printed Name: _____

Guardian's Printed Name: _____

Home Phone: _____   Cell Phone: _____

Email address: _____

I have read the information in the syllabus above and understand that it will be followed. I understand that it is the responsibility of the student to complete all assignments on time and to obtain makeup work upon returning to school from an absence. The student agrees to abide by all policies of this class, the school, and all Autauga County Code of Conduct policies and procedures.

Guardian's Signature: _____   Date: _____

Student's Signature: _____   Date: _____