Employability Credential
Essentials of Technology Syllabus
Grades 9-12
HHS Special Education Department

Mrs. Leslie Scott
Email: lascott@greenville.k12.sc.us
Phone: 864-355-3482

The Employability Credential Program is designed to prepare students for employment immediately upon graduation. The core classes are taught with an emphasis on how these subjects relate to careers and everyday life skills. Transitional skills, social skills and self- advocacy skills are incorporated throughout the curriculum. The goal is also to assist students in meeting their educational needs as identified in their Individualized Education Plan (IEP). Due to the diversity of the students' abilities and needs, a variety of instructional strategies such as whole class instruction, small group instruction, individual instruction and peer tutoring will be used.

<u>**Course Description:**</u>
Essentials of Technology: The course emphasizes the Computer Science course of study aligned to the South Carolina College and Career Ready Standards. This course of integrated content and process standards will enable students to develop world-class knowledge, skills, life, and career characteristics identified in the Profile of the South Carolina Graduate as a computer literate student. The course will cover standards in: Computing Systems, Networks and the Internet, Data & Analysis, Impact of Computing, and Algorithms and Programming.

<u>**Classroom Routine:**</u>
The lessons will be divided into blocks of instruction with teacher-led direct instruction, guided practice, independent silent reading, hands on practice of skills, small group instruction, and using digital tools.

<u>**Course Goals and Standards:**</u>
Instructional goals are based on the state standards, the South Carolina High School Credential Competencies, IEP goals, and personal needs and interests.

<u>**Textbook and Supplemental Activities:**</u>
Achieve 3000, Scholastic magazines, Flipgrid, Wonderopolis, teacher made worksheets and google assignments

<u>**Required Materials:**</u>
Notebook paper, pencil, earbuds, charged chromebook

<u>**Assessment and Grading Policy:**</u>
60% Major Grades (projects, tests)
40% Minor Grades (daily work, class participation, quizzes)

<u>**Class Rules:**</u>
1. Express yourself in an appropriate and mannerly way. No profanity allowed.
2. Prepare for each class by having all necessary materials.

3. Expect to learn, participate and achieve.
4. Conform to a pleasant, calm, and conflict free environment.
5. Respect yourself and others.
6. All school rules will follow such as tardy policy, cell phone policy and no food or drink in class.
7. Cell phones: must be kept in backpack at the front of the room

Pacing Guide and Subjects/Units to Cover:

Computing Systems: Examine how hardware and software contribute to computing devices solving relevant problems.

Networks and the Internet: Evaluate data transmission across networks, including the internet. Evaluate cybersecurity threats and appropriate security measures across networks.

Data & Analysis: Evaluate various data collection methods, data storage tools, data analysis tools, and bit representation.

Impact of Computing: Evaluate the impact of computing from a global perspective. Evaluate the legal and ethical tradeoffs that shape computing practices.

Algorithms & Programming: Design algorithms that can be adapted to express an idea or solve a problem.