

Education and Training

Education and Training is a one-credit course. This course is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course.

Career and technical student organizations are integral, cocurricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Foundation

Students will:

1. Apply mathematical, reading, writing, critical-thinking and problem-solving skills to effectively perform in the educational setting.
2. Describe standards, policies, and procedures for an educational setting to ensure safe and healthy environments, including managing, reporting, and documenting emergency situations.
3. Explain the impact of goal-setting, teamwork, and required skills in the field of education.
 - Recognizing the importance of FCCLA programs to the field of education
4. Interpret the Alabama Quality Teaching Standards and the Alabama Educator Code of Ethics for professional guidance.
5. Determine professional organizations that impact the education profession.

Field of Education

6. Analyze the organizational structure and funding sources for education in the United States at the national, state, and local level.
7. Identify the history, current trends, initiatives, and issues in education within the United States.
Examples: character education, reading, financial literacy, school safety
8. Evaluate the impact of the physical, emotional, social, and intellectual development of learners of various ages on the teaching and learning processes.
Examples: preschool, elementary, intermediate, middle school, high school, college, adult

Faculty and Staff

9. Critique the role of the teacher, administrator, and professional support personnel in the educational system.
10. Analyze characteristics of teachers, administrators, and professional support personnel for effectiveness in the educational system.
11. Describe effective communication skills required in the teaching, administration, and professional support services professions.

Teaching

12. Determine steps utilized in the teaching and learning processes.
13. Describe an environment conducive to learning.
14. Analyze learning styles and teaching methods to determine impact on student achievement.

Curriculum

15. Compare differences in student characteristics that impact the way in which curricula is planned, implemented, assessed, and revised.
16. Analyze the process of designing curricula for achieving student excellence.
17. Compare types of data used to assess student achievement and to plan curricula.

Technology and Careers

18. Determine the impact of technology on the field of education.
19. Utilize information technology to assess, manage, and integrate effective data communication and documents in the field of education.
 - Utilizing charts and graphs to summarize data
20. Analyze career options, credentials, and entrepreneurial opportunities related to the field of education.