



Workforce Education
Escambia County Public Schools

DO YOU ENJOY
SCIENCE OR THE
OUTDOORS? THERE
ARE MANY HIGH
PAYING, CHALLENGING
CAREERS IN THE
AGRICULTURAL
BIOTECHNOLOGY
SPECIALTY THAT WILL
ALLOW YOU TO HELP
MILLIONS OF PEOPLE
EVERY DAY.

Escambia County Public Schools does not discriminate on the basis of race, color, religion, sex, age, national origin, disability, genetic information, or marital status in its employment practices or in the admission and treatment of students.

Melia Adams
EEOC/Title IX Coordinator
Escambia County Public Schools
75 North Pace Boulevard
Pensacola, FL 32505
Phone: (850) 469-6111
Email: madams@ecsdfl.us

THE WEST FLORIDA WAY

West Florida High School of Advanced Technology is an innovative high school focused on providing a unique, comprehensive, useful education that will lead to lifelong personal, career, and professional accomplishments. WFHS is looking for students who are motivated, ambitious, and eager to succeed in college and/or career fields.



AGRICULTURAL
BIOTECHNOLOGY
ACADEMY

ESI SHANNON, PRINCIPAL

150 E. Burgess Road
Pensacola, FL 32503

West Florida High School of Advanced Technology



CHARLOTTE TRUDEAU
CTRUDEAU@ECSDFL.US

Course Offerings



Freshman

Agriscience Foundations

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing, and observation equipment.

Sophomore/Junior

Agriculture Biotechnology 2/3

This course was developed as a core and is designed to develop competencies in the areas of agricultural biotechnology in agriculture, scientific investigation, laboratory safety, scientific and technological concepts, and the fundamentals of biotechnology. A minimum of 20% of classroom time will be dedicated to laboratory experiences.

Senior

Introductory Horticulture 2

This course is designed to develop competencies in the areas of biotechnology in plant science, growth and reproduction, and the role of plants in biotechnology.

The Agricultural Biotechnology Academy will train and prepare students for a broad range of agricultural, environmental, animal science, and horticulture careers. This four-year program includes subjects covering small animal science, care, production, reproduction and exhibition, horticulture, plant production, landscaping, environmental management, conservation, biotechnology, laboratory procedures, and aquaculture. The project-based curriculum for this program is designed to provide students with hands-on, real-life experience by working in the lab, greenhouses, out in the field, and through supervised agricultural experience programs. Additionally, students gain leadership development, career development, and scholarship opportunities through membership in the FFA. Upon completion of the program, students will have the opportunity to take the Agritechnology Certification, Agriculture Associates Certification, Agriculture Biotechnology Certification, and Florida Horticulture Professional Certification (through FNGLA). Through membership and participation in the FFA, students also have the opportunity to graduate with the prestigious State FFA degree, which is an impressive addition to scholarship and college applications, as well as a resume booster for future opportunities.

:

Clubs and Certifications



Future Farmers of America

(FFA): FFA is a national organization dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agriculture education.

FFA degrees: Greenhand Degree, Chapter Degree, State Degree, and American Degree.

Certifications:

- 1) Agriculture Systems Associate
- 2) Agriculture Associate
- 3) Agritechnology Specialist
- 4) Agriculture Biotechnology Specialist
- 5) Florida Certificated Horticulture Professional

