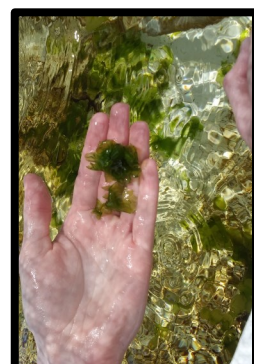


ST. JOHNS TECHNICAL HIGH SCHOOL




ACADEMY OF AQUACULTURE

- HISTORY OF AGRICULTURE & THE INFLUENCE ON THE GLOBAL ECONOMY
- AGRICULTURE & AQUACULTURE SAFETY SKILLS & PROCEDURES
- ANATOMY & PHYSIOLOGY OF FRESHWATER & SALTWATER AQUATIC SPECIES
- STUDY OF AQUACULTURE ORGANISMS, PLANT SCIENCE & WATER QUALITY
- OPERATION & MAINTENANCE OF AQUACULTURE SYSTEMS
- COMMERCIAL HATCHERY & FISHERY RULES AND REGULATIONS
- FIELD STUDIES, WORK-BASED LEARNING & SUMMER INTERNSHIPS
- INDUSTRY CERTIFICATION - AQUACULTURE TECHNICIAN
- FUTURE FARMERS OF AMERICA STUDENT ORGANIZATION (FFA)
- DUAL ENROLLMENT AGRICULTURE PATHWAY TO FIRST COAST TECHNICAL COLLEGE



The **Academy of Aquaculture** offers students the technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster. Students study the history of agriculture, global economics, biological, environmental, and technological principals in aquaculture, anatomy and physiology of freshwater and saltwater aquaculture species, reproduction, propagation and culture of aquaculture organisms, plant science, water quality, operation and maintenance of aquaculture machinery, equipment, and facilities, and commercial hatchery and fishery rules and regulations. Students are engaged in aquaculture (fish) and aquaponics (produce) farming within the schools greenhouse. Industry certification can be earned as an Aquaculture Technician. Students can pursue entry level careers in agriculture, aquatic farming, and agribusiness, or further their education in marine biology, fishery science, environmental science, or aquaculture.

Coursework Progression	Internship Opportunities Business Partners
<ul style="list-style-type: none"> Agriscience Foundations (EQ science credit) Aquaculture 2 (EQ science credit) Aquaculture 3 (EQ science credit) Aquaculture 4 <p>All courses in this sequence are Honors level classes.</p> <div>  </div> <p>Dual Enrollment in the Horticulture Management or Landscape & Turf Management program at First Coast Technical College (FCTC) is encouraged upon completion of these academy courses.</p>	<p>Agriculture Education Services & Technology, Inc.</p> <p>Evans Fish Farm</p> <p>Florida Aquaculture Association</p> <p>Florida Fish & Wildlife Conservation Commission</p> <p>Guana Tolomato Matanzas National Research Reserve</p> <p>Halff Associates, Inc.</p> <p>Long Construction, LLC</p> <p>Proaquatix</p> <p>Putnam St. Johns County Farm Bureau</p> <p>The Fish Tank</p> <p>The Whitney Laboratory for Marine Bioscience/UF</p> <p>University of Florida, IFAS</p> <p>UF/Tropical Aquaculture Lab</p>

Academy Mission Statement

The Academy of Aquaculture is dedicated to providing students with high quality, industry relevant curriculum and instruction to assure success in post secondary education and/or academy related career opportunities. Through collaboration with our business partners, students are engaged in applied learning and develop confidence, long lasting relationships, and a sense of community.

St. Johns Technical High School

St. Johns Technical High School (SJTHS) is centrally located on the campus of First Coast Technical College (FCTC). SJTHS serves the district as a School of Choice. Students must complete an enrollment process then are given a customized learning path that accounts to meet their academic needs and career goals. Students can also attend classes at St. Augustine High School, St. Johns Virtual School, and pursue dual enrollment at FCTC and St. Johns River State College. **Transportation is provided to all students who attend SJTHS.**

To attend an Academy at SJTHS, families do not apply through the district Program of Interest lottery but instead submit an application directly to the school. Please visit <https://www-sjths.stjohns.k12.fl.us/registration/> to access the application.

To learn more about St. Johns Technical High School and the Academy of Aquaculture, please contact:

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