



Department of Education Career Cluster: Agriculture Food and Natural Resources

Program Hours: 155

Occupational Completion Point: A

Campus Location: Flagler Palm Coast High School, 5500 E. Hwy 100, Palm Coast, FL 32164

Program Information Contact: Nicholas Della Fave, Program Facilitator

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Program Description

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the career Agriculture, Food and Natural Resources cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Water Treatment sector of the Agriculture, Food and Natural Resources career cluster.

The content includes but is not limited to source water or influent characteristics; treatment facility unit processes and operational techniques; water quality and identification; identifying treatment goals and measuring their achievement; disinfection; process control techniques; sampling, testing, and laboratory analysis; supervision; operation maintenance and inspection of facility equipment; application of current DEP regulations and standards; facility administration and management techniques; and troubleshooting operational control problems. The emphasis is on skills that are needed for effective treatment process control and troubleshooting.

Licensure/Certification

A certificate of completion is awarded to a student upon successful completion of all program requirements.

Careers

Career information can be found at www.onetonline.org Below is information on Water Treatment Technology. (CIP Code [6 digit]: 51.8031). <http://www.onetonline.org/link/summary/51-8031.00>

The Florida Education and Training Placement Information Program (FETPIP) lists the FTI placement rate (2013-14) for this field: 100%

Potential Earnings

For additional information on wages, trends, and career videos

www.careerinfo.org

Accredited by

Council on Occupational Education and AdvancED

COE Completion Rate: 100%

COE Placement Rate: 100%



