



**Florida School for
the Deaf & the Blind**

Do More. Be More. Achieve More.

Career and Technical Education Course Catalog

2024-2025



Table of Contents

Career and Technical Education	5
Florida Department of Education/Career and Adult Education Division	5
National Association for Career and Technical Education	6
Career and Technical Student Organizations (CTSO)	6
Florida SkillsUSA (CTSO).....	6
Bright Futures Scholarship: Gold Seal Vocational Scholar (GSV)	6
Language of Curriculum Frameworks	7
Data Collection and Reporting Procedures	9
Common Career Technical Core – Career Ready Practices.....	9
Industry Certification	11
Technical Skills Attainment Credentials	11
Statewide Articulation Agreements (Industry Certifications that Equate to College Credit).....	11
FSDB Middle School CTE Course Offerings.....	12
Business Keyboard and Career Planning (8200130)	12
Exploring 2D Art (0101005)	13
Fundamentals of Culinary Careers and Career Planning (8809300).....	13
Introduction to Architecture and Construction and Career Planning (8109360)	14
Orientation to Agriscience and Career Planning (8100110).....	15
FSDB High School CTE Course Offerings	16
3D Animation Technologies.....	16

Building Construction Technologies	18
Career Preparation, Experience and Placement	20
Culinary Arts 1-4	23
Digital Media / Multimedia Design	26
Horticulture Science and Services	28
Promotional Enterprises Program	31
First Coast Technical College (FCTC)	34
FCTC – Secondary Electives.....	35
Cosmetology	35
Facials Specialty	36
Nails Specialty.....	37
Early Childhood.....	38
Horticulture Science and Services	39
Landscape Operations.....	40
Culinary Arts.....	41
FCTC – Dual Enrollment	42
Applied Cybersecurity.....	42
Professional Culinary Arts & Hospitality.....	43
Diesel Systems Technology 1 & 2.....	44
Early Childhood Education	45
Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) 1 & 2	46
Nursery Management	47

Master Automotive Service Technology 1 & 2	48
Dental Assisting	49
Welding Technology & Welding Technology Advanced	50
Landscape & Turf Management	51

Career and Technical Education

Career and Technical Education (CTE) equips students of all ages with the skills and knowledge needed to drive America's success and vitality. By integrating core academics with real-world applications, CTE creates an educational environment that prepares youth and adults for a wide range of high-wage, high-skill, and high-demand careers.

At the Florida School for the Deaf and the Blind (FSDB), CTE programs offer a sequence of middle and high school courses and core academic subjects like math, science, English, and social studies. Students who complete their academic requirements and a CTE program can graduate well-prepared for postsecondary education and the workplace. FSDB students can participate in CTE programs on the FSDB campus or at First Coast Technical College (FCTC):

- These programs offer the benefits of specific industry skills.
- Earning occupational completion points and industry certification.
- Engaging in short-term community or campus-based internships.

Additionally, participation in at least three classes within a single program of study is a requirement for the Bright Futures Gold Seal Vocational Scholarship.

The district is committed to nondiscrimination and prohibits any form of discrimination or harassment based on race, color, national origin, religion, sex, age, disability, marital status, sexual orientation, genetic information, or other protected classes as stated in the district's nondiscrimination policies.

Furthermore, lacking English language skills will not hinder admission and participation in CTE programs. The district may assess each student's ability to benefit from specific programs through placement tests and counseling. It will provide necessary services or referrals to support students in successfully participating in CTE programs.

Additional information about Career and Technical Education (CTE) is provided below.

Florida Department of Education/Career and Adult Education Division

<https://www.fldoe.org/academics/career-adult-edu/career-tech-edu/>

The Career & Technical Education (CTE) Programs section is tasked with creating and sustaining educational programs that equip individuals for careers crucial to Florida's economic growth. All CTE programs and courses are structured around career clusters

defined by the U.S. Department of Education. In collaboration with educational institutions, businesses, industries, and trade associations, each program integrates the academic and technical skills necessary for success in today's economy.

National Association for Career and Technical Education

<https://www.acteonline.org/cte/#.VRlkgEiRmy4>

Visit the Association for Career and Technical Education (ACTE) website to explore the history of CTE and access a wealth of resources, including valuable statistics, that highlight the benefits of CTE programs for both secondary and postsecondary students.

Career and Technical Student Organizations (CTSO)

Career and Technical Student Organizations (CTSOs) are extracurricular groups for students enrolled in career and technical education (CTE) programs. These organizations provide students with opportunities to develop leadership skills, enhance their technical knowledge, and apply classroom learning in real-world settings.

Florida SkillsUSA (CTSO)

<http://www.skillsusafl.org/>

SkillsUSA Florida is a collaborative effort between students, teachers, and industry aimed at securing a skilled workforce for America. Through these partnerships, we ensure that our students—and future employees—are equipped with the technical, personal, and workplace skills needed to excel in their careers. FSDB is proud to partner with SkillsUSA.

Bright Futures Scholarship: Gold Seal Vocational Scholar (GSV)

<http://www.floridabrightfutures.gov>

The Bright Futures Scholarship: Gold Seal Vocational Scholar (GSV) program provides financial assistance to Florida students pursuing career and technical education. Eligible students must meet specific academic and vocational criteria, including completion of a set number of vocational courses. The scholarship supports their postsecondary education in vocational and technical fields, helping them to achieve their career goals.

Language of Curriculum Frameworks

[2024-25 CTE Curriculum Frameworks \(fldoe.org\)](https://fldoe.org)

Career and Technical Education (CTE) frameworks provide a structured approach to curriculum design, ensuring that educational programs align with industry standards and equip students with the skills needed for success in today's workforce. These frameworks outline essential competencies, integrate academic and technical knowledge, and guide educators in delivering high-quality, relevant instruction. By following CTE frameworks, schools can offer programs that not only meet the demands of the labor market but also foster students' personal and professional growth.

The following terminology is essential for understanding the structure and components of Career and Technical Education (CTE) frameworks.

- ❖ **Standard:** A statement outlining the specific behavior, action, or competency a student should be able to demonstrate based on the given instruction. Previously referred to as outcomes within frameworks, standards were supported by student performance standards (SPSs). This redefinition ensures that the term "standards" is used consistently. (See example below).

 - ❖ **Benchmark:** A clear, specific description of the knowledge or skills (competencies) that students should acquire to demonstrate achievement of the related standard. Previously referred to as student performance standards (SPSs), this redefinition ensures consistent use of the term "benchmark" (see example below).
 - Standard 1
 - 01.01 Benchmark 1 of Standard #1
 - 01.02 Benchmark 2 of Standard #1

 - 02.0 Standard 2
 - 02.01 Benchmark 1 of Standard #2
 - 02.02 Benchmark 2 of standard #2

 - ❖ **CIP Number:** This is a 10-digit number used to identify a specific program. Number assignments are based on the Classification of Instruction Programs (CIP) schema published by the U.S. DOE.
-

-
- ❖ **SOC Code:** This is an eight-digit code used to identify categories of occupations. Code assignments are based on the Standard Occupational Classification (SOC) system published by the U.S. Bureau of Labor Statistics. Extensive information about different occupations, including job titles, can be found on the Occupational Information Network (O*Net) website: (<http://www.onetonline.org/>)
 - ❖ **PSAV:** Post-Secondary Adult Vocational. This refers to job preparatory programs offered at either Technical Career Centers or in some cases, state/community colleges.
 - ❖ **OCP:** Occupational Completion Point. An OCP is a group of competencies or skills needed to obtain proficiency in a specific occupation as identified by Standard Occupational Classification (SOC). Occupational completion point refers to the career competencies that qualify a person to enter an occupation that is linked to a career program. OCPs are earned when a student meets the prescribed standards for a particular completion point of a career education program. OCPs may be earned for more than one credit and are reported to the State by FSDB.
 - ❖ **AAS/AS:** Associate in applied science degree/associate in science degree.
 - ❖ **CCC:** College Credit Certificate. This refers to a technical certificate program that is less than 60 hours in length.
 - ❖ **CTSO:** Career and Technical Student Organizations. Career and Technical Student Organizations (CTSOs) are extracurricular groups for students enrolled in career and technical education (CTE) programs. These organizations provide students with opportunities to develop leadership skills, enhance their technical knowledge, and apply classroom learning in real-world settings.
 - ❖ **EQ:** Equally Rigorous course that counts for science credit
 - ❖ **PA:** Practical Arts with Artistic Content
 - ❖ **VO:** Career & Technical (excluding courses coded PA)
-

Data Collection and Reporting Procedures

The Career Development Department (CDD) is responsible for collecting and reporting CTE data, including Occupational Completion Points (OCP) and Industry Credentials or Certifications, to the Florida Department of Education (FDOE) within designated reporting windows. Data from the fall and spring semesters will be reviewed for accuracy by the CDD and the FSDB MIS Coordinator before being submitted to FDOE during Survey 5 (summer) via the Skyward Student Information System. Any necessary corrections from the Survey 5 submission will be reviewed and resubmitted by the FSDB Director of Career Development and the FSDB MIS Coordinator by the specified deadline.

Career-themed courses will be registered with FDOE every February by the announced due date. Enrollment reports will be retrieved from Skyward, and only courses with fall and spring enrollment will be submitted to FDOE as career-themed courses for the current year.

Annually, the Florida Department of Education will distribute data submitted from the previous school year to the FSDB Director of Career Development. This data will be reviewed for accuracy with the FSDB MIS Coordinator. Any required corrections will be submitted to FDOE by the specified date through the Skyward Student Information System.

Common Career Technical Core – Career Ready Practices

Common Career Technical Core (CCTC) career-ready practices are a set of standards designed to prepare students for success in both college and career pathways. These practices focus on developing a comprehensive set of skills that are essential in the modern workforce. Here are the common career-ready practices:

- 1. Act as a Responsible and Contributing Citizen and Employee**
 - a. Demonstrate ethical behavior and work responsibly.
 - b. Contribute positively to the community and workplace.

 - 2. Apply Appropriate Academic and Technical Skills**
 - a. Show proficiency in reading, writing, mathematics, and technical skills.
 - b. Use relevant academic and technical skills effectively.
-

-
- 3. Attend to Personal Health and Financial Well-Being**
 - a. Make informed decisions about personal health and finance.
 - b. Maintain physical, emotional, and financial well-being.
 - 4. Communicate Clearly, Effectively, and with Reason**
 - a. Actively listen and respond appropriately.
 - b. Express ideas effectively in written and oral/sign forms.
 - 5. Consider the Environmental, Social, and Economic Impacts of Decisions**
 - a. Make sustainable and ethical choices.
 - b. Evaluate the broader implications of personal and professional decisions.
 - 6. Demonstrate Creativity and Innovation**
 - a. Embrace innovation in various contexts.
 - b. Think creatively to develop new ideas and solutions.
 - 7. Employ Valid and Reliable Research Strategies**
 - a. Conduct thorough and accurate research.
 - b. Use reliable data to support decisions.
 - 8. Utilize Critical thinking to Make Sense of Problems and Persevere in Solving Them**
 - a. Apply critical thinking skills to identify problems and develop solutions.
 - b. Persist through challenges and setbacks.
 - 9. Model Integrity, Ethical Leadership, and Effective Management**
 - a. Exhibit integrity and ethical leadership in all actions.
 - b. Demonstrate effective management and leadership skills.
 - 10. Plan Education and Career Path Aligned with Personal Goals**
 - a. Set and pursue personal, educational, and career goals.
 - b. Develop and follow a plan to achieve these goals.
 - 11. Use Technology to Enhance Productivity**
 - a. Utilize technology efficiently to improve productivity.
 - b. Stay current with emerging technologies relevant to career fields.
 - 12. Work Productively in Teams While Using Cultural/Global Competence**
 - a. Collaborate effectively with diverse teams.
 - b. Show cultural and global awareness in interactions and work.
-

Industry Certification

[Industry Certification \(fldoe.org\)](http://fldoe.org)

Industry certifications earned through secondary and postsecondary career and technical education programs and courses are an important component of Florida's public education system. The Florida Department of Economic Opportunity (DEO) defines industry certification as follows:

“A voluntary process, through which individuals are assessed by an independent, third-party certifying entity using predetermined standards for knowledge, skills and competencies, resulting in the award of a time-limited credential that is nationally recognized and applicable to an occupation that is included in the workforce system's targeted occupation list or determined to be an occupation that is critical, emerging or addresses a local need.”

Technical Skills Attainment Credentials

National, state, and local assessments provide valuable insights into how well students are acquiring the necessary knowledge and skills for entry into and advancement in postsecondary education and careers within their chosen Program of Study. Each stage of the Program of Study includes technical, employability, and academic skill attainments. At the secondary level, the Program of Study incorporates measures of skill attainment to determine if students are college- and/or career-ready.

Statewide Articulation Agreements (Industry Certifications that Equate to College Credit)

[Statewide Career Pathways \(fldoe.org\)](http://fldoe.org)

The State Board of Education approved Statewide Career and Technical Education Articulation Agreements. This supports the Department's Next Generation Areas of Focus effort Number 3 — “to expand opportunities for postsecondary degrees and certificates.” These agreements are intended to be a minimum guarantee of articulated credit.

FSDB Middle School CTE Course Offerings

Business Keyboard and Career Planning (8200130)

Purpose

This course's purpose is to help students make informed decisions about their future academic and occupational goals and to provide information about careers in the Business Management and Administration career cluster. The content includes instruction in introductory keyboarding, introductory word processing, introductory electronic presentation, computer hardware, and Internet skills for business applications.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem-solving, emerging technologies, and tools. Laboratory investigations that include scientific inquiry, research, measurement, problem-solving, emerging technologies, tools, and equipment, as well as experimental, quality, and safety procedures, are an integral part of this career and technical program/course. Laboratory investigations benefit all students by understanding the complexity and ambiguity of empirical work and the skills required to manage, operate, calibrate, and troubleshoot equipment/tools used to make observations. Students understand measurement errors and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance students' hands-on experiences, including access to computers and appropriate software.

Career and Technical Student Organization (CTSO)

Florida Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL) and Florida Business Professionals of America (BPA) are the co-curricular career and technical student organizations providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Exploring 2D Art (0101005)

General Information

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. Opportunities are provided for creative decision-making in the context of the structural elements of art and the organizational principles of design. This course incorporates hands-on activities and consumption of art materials.

Florida's Benchmarks for Excellent Student Thinking (B.E.S.T.) Standards

This course includes Florida's B.E.S.T. ELA Expectations (EE) and Mathematical Thinking and Reasoning Standards (MTRs) for students. Florida educators should intentionally embed these standards within the content and their instruction as applicable. For guidance on the implementation of the EEs and MTRs, please visit https://www.cpalms.org/Standards/BEST_Standards.aspx and select the appropriate B.E.S.T. Standards package.

Fundamentals of Culinary Careers and Career Planning (8809300)

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Hospitality & Tourism career cluster. The content includes but is not limited to the development of leadership skills, communication skills, and employability skills; resource management; exploration of careers in the culinary field; the importance of health and safety in the culinary environment; and the use of technology in culinary-related careers.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical

program/course. Laboratory investigations benefit all students by understanding the complexity and ambiguity of empirical work and the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

Family, Career and Community Leaders of America (FCCLA) is the co-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Introduction to Architecture and Construction and Career Planning (8109360)

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Architecture & Construction career cluster. The content includes careers in designing, planning, managing, building and maintaining the built environment. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by understanding the complexity and ambiguity of empirical work and the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA is the co-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Orientation to Agriscience and Career Planning (8100110)

Purpose

This course provides an overview of agriculture and will help students to be educated about their food supply. The content includes agricultural literacy, importance of agriculture, the role of science, math, reading, writing, geography, history, and technology in agriculture, plants and animals, and sources of consumer goods from agriculture. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Students will learn a basic understanding of agriculture with a focus on plants, animals, and natural resources. Students will also learn about our food system and the safety procedures in agriculture systems.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by understanding the complexity and ambiguity of empirical work and the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

FFA is the co-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

FSDB High School CTE Course Offerings

3D Animation Technologies

Program: 8718100

OCP: 2

Industry Credentials: Adobe Certified Expert (ACE) - After Effects (ADOBE002),
Adobe Certified Associate (ACA) - Flash/Animate (ADOBE011)
Toon Boom (Harmony Advanced)

Purpose

The purpose of this program is to prepare students for employment in the field of 3-D Animation and related career fields.

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 Arts, A/V Technology and Communication career 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 Arts, A/V Technology and Communication career cluster.

The content includes practical experiences in 3-D Animation design and production. Specialized skills such as video editing, audio production, and the utilization of animation and authoring software are used to produce a variety of multimedia productions.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA is the co-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities

Desktop Publisher, Multimedia artist, Web Designer, Video Editor, 3D Animator

Courses

3-D Animation Technology (8718110)

1 credit PA

OCP A: Multimedia Artists and Animators

This course focuses on the history of 3-D animation, the production process, intellectual property rights, computer skills and animation development.

3-D Animation Technology 2 (8718120)

1 credit PA

OCP B*: Multimedia Artists and Animators

This course focuses on 3-D animation modeling processes. Students learn animation modeling principles, NURBS and polygonal modeling, and utilize software related to 3-D animation.

**OCP B - Students must successfully complete 8718120 & 8718130 to earn OCP B.*

3-D Animation Technology 3 (8718130)

1 credit PA

OCP B*: Multimedia Artists and Animators

Students learn about 3-D animation lighting, the use of basic materials and textures, character set-up, and 3-D animation rendering processes.

**OCP B - Students must successfully complete 8718120 & 8718130 to earn OCP B.*

Building Construction Technologies

Program: 8720300

OCP: 1

Industry Credentials: Career Safe 10 Hour OSHA Construction Safety

Purpose

The purpose of this program is to prepare students for employment or advanced training in the building construction industry.

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 Architecture & Construction career 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 Architecture & Construction career cluster.

The content includes but is not limited to developing skills in various construction trades, as well as providing a foundation in construction management.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA is the co-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities

Woodworker, Cabinetmaker, Craftsman, Carpenter, Construction

Courses

Building Construction Technologies 1 (8720310)

1 credit VO

OCP A*: Maintenance and Repair Workers

This course aims to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, the proper use of hand and power tools, plan reading, basic rough carpentry and framing.

**OCP A - Student must successfully complete 8720310, 8720320 & 8720330 to earn OCP A*

Building Construction Technologies 2 (8720320)

1 credit VO

OCP A*: Maintenance and Repair Workers

This course's purpose is to develop the competencies needed for the building, construction and repair industry. These competencies relate to construction, materials and hardware, concrete and masonry skills.

**OCP A - Student must successfully complete 8720310, 8720320 & 8720330 to earn OCP A*

Building Construction Technologies 3 (8720330)

1 credit VO

OCP A*: Maintenance and Repair Workers

This course is designed to give students more in-depth knowledge of construction documents and competencies in construction management. These include heavy equipment selection, knowledge of codes and regulations, site preparation, estimating, scheduling and knowledge of sustainability issues relevant to the construction industry.

**OCP A - Student must successfully complete 8720310, 8720320 & 8720330 to earn OCP A*

Building Construction Technologies 4 (8720340)

1 credit VO

OCP A*: Maintenance and Repair Workers

The purpose of this course is to develop competencies in exterior finish carpentry.

**OCP A - Student must successfully complete 8720310, 8720320 & 8720330 to earn OCP A*

Career Preparation, Experience and Placement

Purpose

The Florida School for the Deaf and the Blind (FSDB) provides work experience training programs, enabling students to explore and practice various jobs both on campus and within the local community. Through hands-on, community-based work experiences, students develop soft skills and acquire job-specific technical skills, which are essential for successful career preparation. These experiences are crucial for equipping students with the necessary tools to thrive in their future careers. Credits earned may vary.

**Work experience certificates acquired for each job classification and placement - no OCP's are earned.*

Courses

Career Preparation (7980110)

1 credit VO Community Enclave (Non-paid)

This course enables students to acquire the knowledge and skills necessary to identify a broad range of career options and community resources and to develop work-related competencies.

This is the first three-course series designed to prepare students for employment. The first course, Career Preparation (Course Number 7980110), focuses on acquiring the necessary knowledge and skills for making career choices. The second course, Career Experiences (Course Number 7980120), provides opportunities for applying the knowledge and skills in school or community work experience situations with supervision and instructional assistance. The third course involves training through paid employment in Career Placement (Course Number 7980130) or Supported Competitive Employment (Course Number 7980150), depending on the student's

needs for support. It is suggested, but not required, that students take all three courses in the series.

A student may earn multiple credits in this course. The course requirements that students should master to earn each credit must be specified individually. Multiple credits may be earned sequentially or simultaneously.

This course is designed to reflect a range of abilities within the population of students with disabilities. Course requirements may be modified based on individual needs.

Career Experience (7980120)

1 credit VO Campus or Community Independent (Non-paid)

The purpose of this course is to enable students with disabilities to further develop knowledge and skills to select career options, access community resources, and apply work-related behaviors through guided practice and experiences in school and community work settings. Non-paid community-based vocational education (non-paid CBVE) training programs are typically implemented through this course.

This is the second three-course series designed to prepare students for employment. The first course, Career Preparation (Course Number 7980110), focuses on acquiring the necessary knowledge and skills for making career choices. The second course, Career Experiences (Course Number 7980120), provides opportunities for applying the knowledge and skills in school or community work experience situations with supervision and instructional assistance. The third course involves training through paid employment in Career Placement (Course Number 7980130) or Supported Competitive Employment (Course Number 7980150), depending on the student's needs for support. It is suggested, but not required, that students take all three courses in the series.

This course includes non-paid community-based vocational education involving exploration, assessment, and training. Instructional activities that include practical applications of course requirements may occur in naturalistic work settings in the school and community for the purposes of practice, generalization, and further development of skills.

Career Placement (7980130)

1 credit VO Community Independent (Non-Paid)

This course aims to enable students with disabilities to apply career knowledge and skills to perform work-related behaviors in a paid employment situation.

This is the last course of a three-course sequence designed to prepare students for careers and post-school adult living. The first course, Career Preparation (Course Number 7980110), focuses on acquiring the necessary knowledge and skills for making career choices. The second course, Career Experiences (Course Number 7980120), provides opportunities for applying the knowledge and skills in school or community work experience situations with supervision or instructional assistance. The third course in the sequence is Career Placement (Course Number 7980130) or Supported Competitive Employment (Course Number 7980150), depending on the student's needs for support. It is suggested, but not required, that students take all three courses in the series.

The Career Placement course is designed mainly for students who can work and live independently and may need minimal assistance. Students are expected to perform job duties independently once they have mastered the knowledge and skills associated with their work competencies. The job or jobs for which the student is being trained should be reflected in the student's individual educational plan (IEP).

NOTE: The student is paid at or above minimum wage in accordance with the federal Fair Labor Standards Act (<https://www.dol.gov/agencies/whd/flsa>).

Culinary Arts 1-4

Program: 8800500

OCP: 4

Industry Credentials: SafeStaff Food Handlers Certification, Certified Food Protection Manager (ServSafe)

Purpose

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 Hospitality & Tourism career 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 Hospitality & Tourism career cluster.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

Family, Career and Community Leaders of America (FCCLA) and SkillsUSA are the co-curricular career and technical student organizations providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities:

Baker, Chef, Food Processing Operator, Food Service Manager, and Food Preparation Worker

Courses

Culinary Arts 1 (8800510)

1 credit VO

OCP A: Food Preparation Workers

This course covers the history of the food service industry and careers in that industry. Also covered are state mandated guidelines for food service and how to attain food handler training certification; safety in the workplace; employability skills; leadership/teamwork skills; care and use of commercial culinary equipment; basic food science; basic nutrition; and following recipes in food preparation labs.

Culinary Arts 2 (8800520)

1 credit PA

OCP B: Combined Food Preparation and Serving Workers, Including Fast Food

In this course students will learn and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

Culinary Arts 3 (8800530)

1 credit PA

OCP C: Cooks, Restaurant

In this course the student will research career opportunities in professional cooking/baking; follow guidelines on food selection, purchasing, and storage; and use communication skills. Students will prepare and present a variety of advanced food products; create centerpieces; and research laws specific to the hospitality industry (including handling of alcohol). Also covered are management skills; how to develop a business plan; and utilization of technology in the workplace. Students will also learn about food safety manager training/certification training programs acceptable in Florida.

Culinary Arts 4

Culinary Arts 4 offers three professional tracks. Students are encouraged to progress through all levels but can select one track if there is a specialized interest. Track course descriptions are as follows.

Culinary Arts 4 (Track 1/Culinary and Hospitality Management – 8800540)

1 credit VO

OCP D: Food Service Managers

In this course students will prepare various meals and food products including those for individuals with various nutritional needs and/or dietary restrictions. The relationship between nutrition and wellness will be examined. Cost control techniques and profitability will be covered and food establishment menu analysis. Students will also demonstrate basic financial literacy skills.

Students will train and test for National Restaurant Association's ServSafe Food Safety Manager industry certification.

Culinary Arts 4 (Track 2 – 8800550)

1 credit VO

OCP D: Food Service Managers

This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. This feature enables instruction in three key culinary disciplines. Track 2 is focused on Advanced Baking Techniques. This is a culminating course to develop advanced culinary techniques and skills. Students will learn using modern technology and culinary trends related to baking and pastry.

Culinary Arts 4 (Track 3 – 8800560)

1 credit VO

OCP D: Food Service Managers

This course provides opportunities for students to apply their acquired knowledge and skills in culinary-related scenarios. This feature enables instruction in three key culinary disciplines. Track 3 is focused on Gastronomy and Garde Manger Skills. This is a culminating course to develop advanced culinary techniques and skills. Students will learn to use modern technology and culinary techniques related to gastronomy and grade management.

Digital Media / Multimedia Design

Program: 8201200

OCP: 2

Industry Certification: Adobe Certified Associate Visual Communication Using Adobe Photoshop - Creative Cloud (ADOBE022), Adobe Certified Associate - Illustrator (ADOBE020), Adobe Certified Associate - InDesign (ADOBE021)

Purpose

The purpose of this program is to prepare students for work as multimedia artists and animators.

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 Arts, A/V Technology and Communication career 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 Arts, A/V Technology and Communication career cluster.

The content includes practical experiences in webpage design and interactive presentation development, testing and production. Specialized skills in multimedia presentations such as video editing, audio features, and simple animation and authoring software are used to produce a variety of interactive multimedia presentations.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA and Future Business Leaders of America (FBLA) are the co-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities

Graphic Designer, Desktop Publisher, Multimedia artist, Web Designer, Video editor

Courses

Digital Media/Multimedia Foundations 1 (8201210)

1 credit PA FSDB: Yearbook Y1S1
OCP A: Multimedia Artists and Animators

This course provides competencies in presentation production issues, basic computer knowledge, illusion software, digital still photography, and photo editing software.

Digital Media/Multimedia Foundations 2 (8201220)

1 credit PA FSDB: Yearbook Y1S2
OCP B*: Multimedia Artists and Animators

This course covers competencies in advanced design, color modes, and fonts.

**OCP B - Student must successfully complete 8201220 & 8201230 to earn OCP B*

Digital Media/Multimedia Foundations 3 (8201230)

1 credit VO FSDB: Yearbook Y2S1
OCP B*: Multimedia Artists and Animators

This course covers competencies in design layout software.

**OCP B - Student must successfully complete 8201220 & 8201230 to earn OCP B*

Horticulture Science and Services

Program: 8121600

OCP: 1

Industry Certification: OSHA Agriculture Safety 10-Hour, Florida Nursery, Growers and Landscape Associate (FNGLA) - Horticulture

Purpose

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 Agriculture, Food and Natural Resources (AFNR) career 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 Agriculture, Food and Natural Resources career cluster.

The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety and environmental issues.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

FFA is the co-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities:

Soil and Plant Scientist, [First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers](#)

Courses

Agriscience Foundations 1 (8106810)

1 credit EQ

OCP A*: First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers

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.

**OCP A - Student must successfully complete 8106810, 8121510 & 8121520 to earn OCP A*

Introductory Horticulture 2 (8121510)

1 credit PA

OCP A*: First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers

This course is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills.

**OCP A - Student must successfully complete 8106810, 8121510 & 8121520 to earn OCP A*

Horticulture Science 3 (8121520)

1 credit PA

OCP A*: First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers

This course is designed to develop competencies in the areas of industry regulations; plant classification; plant transportation; soil sampling and analysis; fertilizer calculations; recording keeping; irrigation components, water quality; drainage; integrated pest management; pesticide safety and regulations; equipment calibration; chemical growth regulators; xeriscaping; integrated landscape management; safe use of power equipment; record keeping; and employability skills.

**OCP A - Student must successfully complete 8106810, 8121510 & 8121520 to earn OCP A*

Horticulture Science 4 (8121610)

1 credit PA

OCP A*: First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers

This course is designed to further develop competencies in plant identification and classification; growing media; irrigation system set up; and maintaining and analyzing records including production costs.

**OCP A - Student must successfully complete 8106810, 8121510, & 8121520 to earn OCP A*

Promotional Enterprises Program

Program: 8217100

OCP: 3

Industry Certification: Adobe Certified Associate Visual Communication Using Adobe Photoshop - Creative Cloud (ADOBE022), Adobe Certified Associate - Illustrator (ADOBE020)

Dual Enrollment: RIT/NTID College Credits = 6

Purpose

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 such as an Information Technology Assistant, Custom Promotional Design Manager, First Line Supervisor, Small Business Manager, and General Operations Manager/Owner in the Business Management and Administration career 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 Business Management and Administration career cluster.

The content includes but is not limited to enhanced practical experiences in management of digital layout and design, production of embroidered apparel, direct to garment print, sublimation, specialty items and signs as it relates to the running and management of a digital imprinted merchandise business. Development of specialized skills in production planning, design, layout, and evaluation of business promotional campaigns in the digital imprinted merchandise industry are critical components within the program.

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

Future Business Leaders of America (FBLA) and Business Professionals of America (BPA) are the co-curricular career and technical student organizations providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Future Career Possibilities:

Commercial and Industrial Designers, First-line Supervisors of Retail Sales Workers

Courses

Digital Information Technology (8207310)

1 credit EQ

Purpose

This core course is designed to provide a basic overview of current business and information systems and trends and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. This course's intention is to prepare students to be successful personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of databases, the internet, social media, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

Pre-Requisite

The course [Digital Information Technology \(8207310\)](#) (RTF) is the foundational course in several programs within the following Career Clusters: Arts, A/V Technology & Communication, Business, Management & Administration, Engineering & Technology Education, Finance, Information Technology, and Transportation, Distribution & Logistics. The standards and benchmarks associated with this course are provided in the Digital Information Technology course document.

Custom Promotional Layout Design 8217110

1 credit PA

OCP B*: Commercial and Industrial Designers

This course is designed to develop basic entry-level skills required for custom imprinted merchandise industry careers. The content includes computer skills, layout, design, measurement activities, decision-making activities, digital imaging, sublimation activities, digital embroidery activities, digital precision cutting activities, direct-to-, and sign-making activities. After successfully completing Custom Promotional Layout Design, students can perform basic design and layout in predictable situations.

**OCP B - Student must successfully complete 8217110 & 8217120 to earn OCP B*

Promotional Design Management (8217120)

1 credit VO

OCP B*: Commercial and Industrial Designers

Dual Enrollment: RIT/NTID 3 credits = NAIS 130: Raster & Vector Graphics

This course is designed to develop organizational skills needed for the imprinted merchandise industry. The content includes entrepreneur concepts, basic supervision and management activities, portfolio development activities, and workforce development skills evaluation activities. After successful completion of Promotional Design Management, the student can manage small production runs of imprinted merchandise in unpredictable situations.

**OCP B - Student must successfully complete 8217110 & 8217120 to earn OCP B*

Custom Promotional Sales and Distribution Management (8217130)

1 credit PA

OCP C: First-line Supervisors of Retail Sales Workers

This course is designed to develop mid-level management skills required in the imprinted merchandise industry. The content includes real world production schedules for single lines of merchandise, management of production equipment, customer relations, and sales of imprinted merchandise and delivery of the product. This course is designed to be implemented in a real production environment through placement in a school-based imprinted merchandise enterprise or industry internship placement. After successful completion of Custom Promotional Sales and Distribution the student will be able to manage a production line from customer product design through delivery of the final product.

First Coast Technical College (FCTC)

FCTC, a technical college located three miles from FSDB, offers two levels of courses:

- ❖ **Secondary Electives:** Students receive hands-on training in a work environment lab.
- ❖ **Dual Enrollment:** Students receive industry level hands-on training in a work environment lab.

Tuition for these courses is required and funded by FSDB general revenue.

When enrolling students into FCTC courses, whether at the secondary elective level or through dual enrollment, it is necessary to specify both the course level and the FSDB school of enrollment. Enrollment in Dual Enrollment courses must be submitted to the Administrator of Instructional Services for accounting purposes. For students wishing to enroll in secondary electives, the policy remains the same: students must complete all levels of a course offered at FSDB before attending FCTC. If a comparable program is available at both FSDB and FCTC (e.g., Culinary Arts, Horticulture Science), the student must complete all levels of the FSDB program before attending FCTC. The FSDB Career and Technical Education Course Catalog should be referenced for scheduling.

FSDB provides transportation to and from FCTC, and ASL interpreters are available for our students. Additionally, FSDB students must demonstrate age-appropriate behavior and maintain good attendance. Recommendations for placement are made by the student's IEP team, and final decisions are made by the school principal.

The following criteria must be met before students can be considered for participation in Off-Campus placements for classes not offered at FSDB:

- ❖ Minimum unweighted cumulative GPA of 2.0
- ❖ Maintain a minimum GPA of 2.0
- ❖ Must be entering Junior, Senior, or deferred diploma status
- ❖ FCTC may also require appropriate test scores for entrance into dual enrollment programs

Class time and course duration are based on the program of study, and credits earned are assessed by FCTC. Students should make an appointment with their school Off-Campus Academic Coordinator for further guidance.

FCTC – Secondary Electives

Cosmetology

Overview

The Cosmetology program allows students to express their creativity through artistic hair, nail, and skincare services using the latest techniques and name-brand products. Participants operate a full-service interactive salon and spa that aims to surpass client expectations. They work alongside professional cosmetologists to master all aspects of quality salon services and management.

Average Salary

\$39,050/year

Year	Course	Eligible Certification
1 st	Grooming & Salon Services Core 1	N/A
1 st	Cosmetology Nails 2	N/A
1 st	Cosmetology Facials 3	N/A
1 st & 2 nd	Cosmetology Facials 4	N/A
2 nd	Cosmetology Facials 5	N/A
2 nd & 3 rd	Cosmetology Facials 6	N/A
3 rd	Cosmetology Facials 7	N/A
3 rd & 4 th	Cosmetology Facials 8	N/A
4 th	Cosmetology Facials 9	N/A

Facials Specialty

Overview

The Facials Specialty program trains students to deliver professional skincare services within a dynamic salon and spa environment. Participants learn to evaluate, create, and recommend specific skincare regimens aimed at improving and sustaining skin health. The program also covers advanced techniques for performing rejuvenating facials and makeup applications.

Average Salary

\$48,780/year

Year	Course	Eligible Certification
1 st	Grooming & Salon Services Core 1	N/A
1 st	Facials Specialty 2	N/A
1 st	Facials Specialty 3	Florida State Licensure – Facials Specialist

Nails Specialty

Overview

The Nails Specialty program offers a platform to express creativity through various nail care services utilizing the latest techniques and name-brand products. Students learn to create unique nail art designs, artificial nail enhancements, and natural nail services. They also gain hands-on experience by working alongside professional nail technicians in a dynamic salon and spa environment.

Average Salary

\$36,370/year

Year	Course	Eligible Certification
1 st	Grooming & Salon Services Core 1	N/A
1 st	Nails Specialty 2	N/A
1 st	Nails Specialty 3	Florida State Licensure – Nail Specialist FLDOP008

Early Childhood

Overview

The Early Childhood Education program equips students to create and implement engaging curricula and practices for young children. Participants develop guidance and observation skills related to childcare and apply principles of child development. They also learn to plan, establish, and maintain a safe, clean, and healthy learning environment.

Average Salary

\$34,010/year

Year	Course	Eligible Certification
1 st	Early Childhood Education 1	State and Local Rules and Regulations Child Growth & Development Certificate Behavioral Observation and Screening Certificate
1 st	Early Childhood Education 2	Understanding Developmentally Appropriate Practices Certificate Preschool Appropriate Practices
2 nd	Early Childhood Education 3	Infant & toddler Appropriate Practices Special Needs Appropriate Practices, Early Literacy Early Childhood Certificate (State of FL FLDOE)
2 nd	Early Childhood Education 3	National Child Development Associate Credential (CDA)

Horticulture Science and Services

The first three courses are offered at FSDB. Level 4 may be offered at FSDB depending on student interest.

Courses 4-6 Overview

Level 4: This course is designed to further develop competencies in plant identification and classification; growing media; irrigation system set up; and maintaining and analyzing records including production costs.

Level 5: This course is designed to further develop competencies in the areas of identifying and evaluating IPM practices; maintaining and repairing irrigation systems; analyzing and evaluating fertilizer usage.

Level 6: This course is designed to further develop competencies in the areas of irrigation; growing media; planting beds and sites; propagation; marketing; repair and maintenance of nursery equipment and facilities.

Average Salary

\$37,440/year

Year	Course	Eligible Certification
1 st	Agriscience Foundations 1	Option for Best Management Practices
1 st	Introductory Horticulture 2	Fertilizer License
2 nd	Horticulture Science 3	N/A
2 nd	Horticulture Science & Services 4	FNGLA Certified Horticulture Professional (FCHP)
3 rd	Horticulture Science & Services 5	N/A
3 rd	Horticulture Science & Services 6	N/A

Landscape Operations

Overview

The Landscaping Operations program trains students to maintain landscapes, athletic fields, and professional golf course grounds. Participants learn to use advanced techniques and equipment to grow and sustain environmentally friendly landscapes. The program also covers the design, construction, and management of all landscaping and turf management aspects.

Average Salary

\$36,230/year

Year	Course	Eligible Certification
1 st	Agriscience Foundations 1	Option for Best Management Practices
1 st	Introductory Horticulture 2	Fertilizer License
2 nd	Horticulture Science 3	N/A
2 nd	Horticulture Science & Services 4	FNGLA Certified Horticulture Professional (FCHP)
3 rd	Horticulture Science & Services 5	N/A

Culinary Arts

Overview

The Culinary program offers students the opportunity to craft amazing and innovative dishes using flames, knives, and creative culinary techniques. Participants gain hands-on experience working alongside professional chefs, preparing extravagant five-course meals in a full-service restaurant setting. They also collaborate creatively within a team to design menus, organize catered events, and develop unique dining experiences, fostering their culinary skills and creativity.

Average Salary

\$48,535 midpoint for cooks-head chef/year

Year	Course	Eligible Certification
1 st	Culinary Arts 1	SafeStaff
1 st	Culinary Arts 2	N/A
2 nd	Culinary Arts 3	N/A
2 nd	Culinary Arts 4 – Track 1	ServSafe Food Protection Manager
2 nd	Culinary Arts 4 – Track 2	N/A
2 nd	Culinary Arts 4 – Track 3	N/A

FCTC – Dual Enrollment

Applied Cybersecurity

Overview

The Applied Cybersecurity program prepares students to meet the increasing demand in both public and private sectors for addressing internet security concerns in today's digital landscape, offering career advancement opportunities. Participants learn essential skills to identify security threats, protect and defend digital spaces, computer environments, and networks, safeguarding sensitive information. The program also emphasizes preparation for nationally recognized security industry certifications, equipping students with the expertise needed to excel in cybersecurity roles.

Average Salary

\$100,940 mean wage/year

OCP	Course Title	Industry Certifications
A	Cybersecurity Associate	CompTIA Security+
A	Information Security Manager	

Professional Culinary Arts & Hospitality

Overview

The Professional Culinary Arts & Hospitality program offers students the opportunity to master the art of creating exceptional and enjoyable dishes using flames, knives, and innovative culinary techniques. Participants gain practical experience by working alongside seasoned chefs, preparing elaborate five-course meals in a full-service restaurant environment. They also collaborate creatively within a team to design enticing menus, coordinate catered events, and craft distinctive dining experiences, honing their culinary skills and creativity in preparation for diverse careers in the culinary and hospitality industries.

Average Salary

\$48,535 midpoint for cooks-head chef/year

OCP	Course Title	Industry Certification
A	Food Preparation	ServSafe Food Protection Manager
B	Cook-Restaurant	Nutrition
C	Chef/Head Cook	N/A
D	Food Service Management	N/A

Diesel Systems Technology 1 & 2

Overview

The Diesel Systems Technology program equips students with the skills to diagnose, repair, overhaul, and assemble diesel trucks and machinery. Participants learn to maintain heavy equipment in a dynamic and evolving industry, employing a comprehensive systems approach. They gain hands-on experience using industry-standard equipment and techniques, similar to those used by ASE certified professionals, within a state-of-the-art facility. This program prepares graduates for careers in diesel technology, providing them with the expertise needed to excel in maintaining and servicing diesel vehicles and equipment.

Average Salary

\$61,350/year

Diesel Technician 1		
OCP	Course Title	Industry Certification
A	Diesel Engine Mech/Tech Helper	ASE-T1-Gasoline Engines
B	Diesel Electrical & Electronics Tech	ASE-T6-Electrical/Electrical Systems
C	Diesel Engine Technician	ASE-T2-Diesel Engines
D	Diesel Brakes Technician	ASE-T4-Brakes

Diesel Technician 2		
OCP	Course Title	Industry Certification
A	Diesel Engine Preventative Maintenance Tech	ASE-T8-Preventive Maintenance
B	Diesel Heating & A/C Tech	ASE-T7-Heating & Air Conditioning
C	Diesel Steering & Suspension Tech	ASE-T5-Suspension & Steering
D	Diesel Drivetrain Tech	ASE-T3-Drive Train
E	Diesel Hydraulic Tech	N/A

Early Childhood Education

Overview

The Early Childhood Education program focuses on equipping students with the skills to create and implement engaging curricula tailored for young children. Participants develop essential guidance and observation skills necessary for childcare, while applying foundational principles of child development. Emphasis is placed on planning, establishing, and maintaining a secure, hygienic, and nurturing learning environment conducive to children's growth and development. Graduates are prepared to pursue careers in early childhood education with a solid foundation in educational practices and child development theories.

Average Salary

\$34,010/year

Course Title	Industry Certifications
Early Childhood Education 1	Early Childhood Professional Credential, Dept. of Children and Families & Dept. of Education Combined Credential, Florida's Equivalent to Child Development Associate
Early Childhood Education 2	
Early Childhood Education 3	
Early Childhood Education 4	

Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R) 1 & 2

Overview

The HVAC program trains students in essential skills such as torching, brazing, and soldering pipes and fittings to install or repair compressors, condensers, chillers, and pumps across a variety of HVAC and refrigeration systems. Participants also learn to employ emerging technologies and advanced equipment to meet the rising global energy requirements. The program emphasizes creating comfortable indoor environments by effectively cooling and heating residential and commercial buildings, preparing graduates for careers in the dynamic field of HVAC technology.

Average Salary

\$52,220/year

HVAC Technology 1		
OCP	Course Title	Industry Certification
A	Introduction to HVAC/R	N/A
B	HVAC/R Fundamentals	N/A
C	HVAC/R Service Practices	N/A

HVAC Technology 2		
OCP	Course Title	Industry Certification
A	HVAC/R Intermediate Service Practices	Heating, Electricity, Air Conditioning, Technologies
B	HCAC/R Advanced Services Practices or Commercial Industrial Service Practices	Commercial Air Conditioning EPA 608

Nursery Management

Overview

The Nursery Management program provides students with comprehensive training alongside industry experts in agri-science. Participants learn the skills needed to propagate, manage, and cultivate a diverse range of plants. They gain practical experience applying creative design elements and utilizing extensive plant knowledge while overseeing operations in a full-service greenhouse. The program also focuses on mastering advanced techniques and equipment essential for the successful growth and maintenance of plants, preparing graduates for careers in nursery management and horticulture.

Average Salary

\$29,962/year

OCP	Course Title	Industry Certification
A	Nursery Workers	N/A
B	Nursery & Greenhouse Managers 1	FGLA Certified Horticultures Professional (FCHP)
C	Nursery & Greenhouse Managers 2	N/A

Master Automotive Service Technology 1 & 2

Overview

The Master Automotive Service Technology program prepares students to excel in the precision-driven automotive industry by teaching them to analyze, diagnose, and repair a variety of vehicles, including foreign, domestic, and alternative fuel models. Participants gain hands-on experience utilizing advanced diagnostic equipment within a state-of-the-art facility to troubleshoot and repair complex automotive systems effectively. They also learn to maintain, repair, and fine-tune vehicles under the guidance of ASE Master Technicians in a comprehensive automotive service center environment. This program equips graduates with the expertise and practical skills necessary for successful careers in automotive service and technology.

Average Salary

\$49,530/year

Master Automotive Service Technology 1		
OCP	Course Title	Industry Certification
A	Automobile Service Assistor	N/A
B	Automotive Brake System Technician	ASE-A5-Brakes
C	Automobile Suspension & Steering	ASE-A4-Suspension & Steering
D	Automobile Electrical/Electronic System	ASE-A6-Electrical/Electric Systems
E	Engine Repair Technician	ASE-A1-Engine Repair

Master Automotive Service Technology 2		
OCP	Course Title	Industry Certification
A	Automotive Engine Performance	ASE-A8-Engine Performance
B	Automatic Transmission and Transaxle	ASE-A2-Transmission/Transaxle
C	Manual Drivetrain and Axle Technician	ASE-A3-Manual Drive Train & Axles
D	Automotive Heating & Air Conditioning	ASE-A7-Heating & Air Conditioning

Dental Assisting

Overview

The Dental Assisting program focuses on preparing students to provide exceptional patient care through extensive clinical training in both general dental and specialized offices. Participants learn to perform a range of dental procedures, including taking x-rays, providing chair-side assistance, transferring instruments, and making teeth impressions. Additionally, they receive training in educating children and adults about the significance of oral health, equipping them to support patients in maintaining optimal dental hygiene practices. Graduates of this program are well-prepared to pursue careers as skilled dental assistants, contributing effectively to dental healthcare teams.

Average Salary

\$46,240/year

OCP	Course Title	Industry Certification
A	Introduction to Dental Assisting	Certifications not required in Florida
B	Dental Infection Control Assistant	
C	Dental Assisting 1 of 2	Qualify to sit for National Entry Level Dental Assisting (NELDA)
C	Dental Assisting 2 of 2	

Welding Technology & Welding Technology Advanced

Overview

The Welding Technology & Welding Technology Advanced program provides comprehensive training in advanced welding techniques and fabrication equipment used to join, cut, bend, and manipulate metal for both industrial and artistic purposes. Students gain hands-on experience with state-of-the-art welding and fabrication equipment similar to that used by professionals certified by the American Welding Society (AWS). The program covers a variety of welding processes and prepares students to earn industry-recognized certifications, equipping them with the skills and credentials necessary for successful careers in welding and metal fabrication industries.

Average Salary

Welding Technology Average Salary: \$39,830/year

Welding Technology Advanced Average Salary: \$49,250/year

Welding Technology		
OCP	Course Title	Industry Certification
A	Welder Assistant I	N/A
A	Welder Assistant 2	AWELD0012
B	Welder SMAW 1	N/A
B	Welder SMAW 2	N/A
C	Welder	AWELD003, AWELD004, AWEELD008

Welding Technology Advanced		
OCP	Course Title	Industry Certification
A	Advanced Welder 1	AWELD005, AWELD006
B	Advanced Welder 2	AWELD009, AWELD0011

Landscape & Turf Management

Overview

The Landscaping and Turf Management program prepares students to excel in maintaining and managing various outdoor spaces, including landscapes, athletic fields, and professional golf course grounds. Participants learn advanced techniques and utilize specialized equipment to cultivate sustainable landscapes, ensuring environmental stewardship. The program also covers the design, construction, and comprehensive management of landscaping and turf areas, equipping graduates with the skills needed to create and maintain aesthetically pleasing and functional outdoor environments in both residential and commercial settings.

Average Salary

\$36,230/year

Welding Technology		
OCP	Course Title	Industry Certification
A	Nursery Worker	N/A
B	Landscaping and Grounds Keeping	FNGLA Certified Horticulture Professional (FCHP)
C	Landscaping and Grounds Keeping Supervisor	N/A
