



OPEN *THE* POSSIBILITIES

LEON COUNTY SCHOOLS CAREER TECHNICAL EDUCATION OVERVIEW

District K-12 CTE Staff



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K-12 Building a Talent Pipeline



2021-2022 Overview

Digital Tools Earned K-8: 3812

Industry Certifications Earned 6-12: 1179

**30 Different Industry Certifications Passed*

FLDOE Bonus Funding: \$1,248,111.00

Career Dual Enrollment (CDE) is an option for high school students to enroll in post-secondary courses to earn elective credit toward high school graduation requirements and to receive hours toward a career and technical post-secondary program certificate.

For the current academic year, **292** LCS high school students are in a career-dual enrollment program either on their high school campus or at Lively's main campus.

CTE Career Clusters

CTE programs are organized into 17 different career clusters and are geared toward middle school, high school, district technical school, and Florida College System students throughout the state.

Career Cluster		
Agriculture, Food & Natural Resources	Engineering & Technology	Information Technology
Architecture & Construction	Finance	Law, Public Safety & Security
Arts, A/V Technology & Communication	Government & Public Administration	Manufacturing
Business Management & Administration	Health Science	Marketing, Sales, & Service
Education & Training	Hospitality & Tourism	Transportation, Distribution & Logistics
Energy	Human Services	

CAPE Act

In 2007, the Florida Legislature passed the Career and Professional Education Act. The purpose of the act was to provide a statewide planning partnership between the business and education communities in order to attract, expand, and retain targeted, high-value industry and to sustain a strong, knowledge-based economy. The objectives of the act are as follows:

- To improve middle and high school academic performance by providing rigorous and relevant curriculum opportunities;
- To provide rigorous and relevant career-themed courses that articulate to postsecondary level coursework and lead to industry certification;
- To support local and regional economic development;
- To respond to Florida's critical workforce needs; and
- To provide state residents with access to high-wage and high-demand careers

<https://www.fldoe.org/core/fileparse.php/8904/urlt/cape-act-techassist.pdf>

CAPE Act

The key feature of the CAPE Act is the list of approved certifications known as the “CAPE Industry Certification Funding List,” which is the list of fundable industry certifications adopted by the State Board of Education.

Type of Certification of Certificate	Description
CAPE Digital Tool Certificates (Grades K-8)	To earn a certificate, students must pass an assessment of digital skills in the following areas: word processing; spreadsheets; sound, motion and color presentations; digital arts; cybersecurity. The certificates are available to students in elementary school and middle school grades.
CAPE Industry Certifications (Grades 6-12)	These are industry certifications that either do not articulate for college credit or do articulate for up to 14 college credits based on a statewide articulation agreement. The certifications are available to students in grades 6 through 12.
CAPE Acceleration Industry Certifications	These are industry certifications that articulate for 15 or more college credit credits based on a statewide articulation agreement.

<https://www.fldoe.org/core/fileparse.php/8904/urlt/cape-act-techassist.pdf>

Programs of Study

The Division of Career and Adult Education is responsible for developing educational programs that prepare individuals for the occupations that are important to Florida's economic development. Per F.S. §1004.92(2)(b)(4), each program is updated every three (3) years to reflect current business and industry needs specific to the occupation for which it prepares. With the help of educators, business and industry representatives, and trade associations, career and adult education programs are aligned with the skill requirements needed in today's workforce.

A program of study is a coherent, articulated sequence of rigorous academic and career courses commencing in the 9th grade (or sometimes earlier) leading to an associate degree, an industry-recognized certification or licensure, and/or a baccalaureate degree.

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

Career Dual Enrollment

Career Dual Enrollment (CDE) is an option for high school students to enroll in post-secondary courses to earn elective credit toward high school graduation requirements and to receive hours toward a career and technical post-secondary program certificate.

CDE includes courses offered through career certificate (clock hour) programs and career associate degree programs (e.g., Associate of Science). The high school credits are awarded upon completion of the postsecondary course.

For Career Certificate clock hour courses taken through dual enrollment, the following methodology must be used for the awarding of high school credits: 0.5 high school credit for each 75 hours in the course rounded down to the nearest 0.5 credit.

Lively Technical College (LTC) offers CDE options on high school campuses and on the main LTC campus.

<https://www.livelytech.com/students/dual-enrollment/>
<https://www.fl DOE.org/core/fileparse.php/5421/urlt/CareerTechList1920.pdf>

High School Pathways

PROGRAM/PATHWAY	HIGH SCHOOLS					
	Chiles	Godby	Leon	Lincoln	Rickards	SAIL
Aerospace Technologies		•			•	
Applied Robotics				•		
Agritechnology		•				•
Building Trades & Construction Design Technology			•			
Business Management and Analysis			•	•		
Communications Technology	•					
Criminal Justice Operations	•					
Culinary Arts	•		•	•		
Digital Design		•	•	•	•	•
Digital Media/Multimedia Design	•	•				•
Digital Photography Technology					•	
Early Childhood Education				•		
Engineering Pathways						•
Horticulture Science and Services				•		
Journalism and Multimedia						•
Maintenance & Light Repair Automotive				•		
Nursing Assistant	•	•			•	•
Web Development	•					
Welding		•			•	

	Program of Study	Program Number	Industry Certification	Career Cluster
LEON	Building Trades & Construction Design Technology	8722000	HBI Certification	Architecture & Construction
	Business Management & Analysis	8301100	Entrepreneurship and Small Business Certification	Business Management & Administration
	Culinary Arts	8800500	Certified Food Safety Manager, ServSafe	Hospitality & Tourism
	Digital Design	8209600	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Art, A/V Technology & Communication
SAIL	Agritechnology	8106800	Agriculture Associate	Agriculture, Food & Natural Resources
	Digital Design	8209600	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Digital Media/Multimedia Design	8201600	Adobe PremierePro, Adobe Photoshop, Adobe AfterEffects	Arts, A/V Technology & Communication
	Engineering Pathways	9400300	Autodesk Fusion 360, Autodesk Inventor	Engineering & Technology
	Journalism and Multimedia	8771101	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Nursing Assistant *	H170602	Certified Nursing Assistant	Health Science

*Career Dual Enrollment with Lively Technical College

	Program of Study	Program Number	Industry Certification	Career Cluster
CHILES	Communication Technology	8601000	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Criminal Justice Operations	8918000		Law, Public Safety & Security Home
	Culinary Arts	8800500	Certified Food Safety Manager, ServSafe	Hospitality & Tourism
	Digital Media/ Multimedia Design	8201600	Adobe PremierePro, Adobe Photoshop, Adobe AfterEffects	Arts, A/V Technology & Communication
	Nursing Assistant *	H170602	Certified Nursing Assistant	Health Science
	Web Development	9001100	MTA Certifications	Arts, A/V Technology & Communication
GODBY	Aerospace Technologies	8600080	FAA Certifications	Engineering & Technology
	Agritechnology	8106800	Agriculture Associate, Agriculture Systems Associate	Agriculture, Food & Natural Resources
	Digital Design	8209600	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Digital Media/Multimedia Design	8201600	Adobe PremierePro, Adobe Photoshop, Adobe AfterEffects	Arts, A/V Technology & Communication
	Nursing Assistant *	H170602	Certified Nursing Assistant	Health Science
	Welding Technology Fundamentals *	9204400 / J400400	AWS Welding	Manufacturing

*Career Dual Enrollment with Lively Technical College

Chiles High School will be adding Veterinary Assisting for the 23-24 school year and all Nursing Assistant programs will be adding Phlebotomy and EKG Certifications

	Program of Study	Program Number	Industry Certification	Career Cluster
LINCOLN	Automotive Maintenance and Light Repair *	9504100	ASE Entry Level Certifications	Transportation, Distribution & Logistics
	Applied Robotics	9410100	RECF Robotics Certification	Engineering & Technology Education
	Business Management & Analysis	8301100	Entrepreneurship and Small Business Certification	Business, Management & Administration
	Culinary Arts	8800500	ServSafe	Hospitality & Tourism
	Digital Design	8209600	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Early Childhood Education	8405100	Child Development Associate	Education & Training
	Horticulture Science & Services	8121600	Agriculture Associate, Agriculture Systems Associate	Agriculture, Food & Natural Resources
RICKARDS	Aerospace Technologies	8600080	Autodesk AutoCAD	Engineering & Technology
	Digital Design	8209600	Adobe Dreamweaver, Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Digital Photography	8201300	Adobe Photoshop, Adobe InDesign, Adobe Illustrator	Arts, A/V Technology & Communication
	Nursing Assistant	8417200	Certified Nursing Assistant	Health Science
	Welding Technology Fundamentals *	9204400 / J400400	AWS Welding	Manufacturing

*Career Dual Enrollment with Lively Technical College

Historical Overview: K-12

CERTIFICATIONS BY THE NUMBERS

	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Digital Tools K-8	1152	2491	3621	2796	3812
Industry Certification Exams 6-12	1065	1314	1011	1045	1179

CERTIFICATIONS BY THE DOLLARS

	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Digital Tools and Industry Certifications	\$708,596	\$990,468	\$993,150	\$868,708	\$1,248,111

Historical Overview: High School Certs

INDUSTRY CERTIFICATIONS EARNED BY SCHOOL					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Chiles	90	116	127	169	82
Godby	195	316	277	143	229
Leon	264	360	145	225	239
Lincoln	179	174	123	191	118
Rickards	98	88	138	63	211
SAIL	24	45	13	21	69
TOTALS	850	1099	823	812	948
<i>*Industry certifications earned through career-dual enrollment are reported at the post-secondary level and not the high school</i>					

Historical Overview: High School Certs

FUNDING BY SCHOOL					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Chiles	\$46,151.16	\$57,521.48	\$75,744.85	\$102,373.06	\$73,111.78
Godby	\$124,158.88	\$207,577.52	\$215,872.82	\$106,196.12	\$193,032.93
Leon	\$146,213.41	\$197,990.60	\$89,631.40	\$121,488.36	\$211,756.68
Lincoln	\$89,851.82	\$73,360.73	\$63,541.51	\$103,647.41	\$101,643.21
Rickards	\$80,049.80	\$73,360.73	\$81,215.31	\$38,655.39	\$110,113.47
SAIL	\$19,604.03	\$30,428.03	\$7,995.29	\$11,893.97	\$61,520.89
TOTALS	\$506,029.11	\$640,239.09	\$534,001.18	\$484,254.30	\$751,178.95

Historical Overview: High School Pathways

CAREER PATHWAYS BY SCHOOL						
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Chiles	2	2	5	6	6	6
Godby	5	5	7	7	7	6
Leon	2	2	4	4	4	4
Lincoln	4	4	5	6	6	7
Rickards	3	3	5	6	5	5
SAIL	2	2	2	4	6	6
TOTALS	18	18	28	33	34	34

Historical Overview: Career Dual Enrollment

CAREER DUAL ENROLLMENT ON HIGH SCHOOL CAMPUS					
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Chiles	0	52	52	57	53
Godby	42	50	46	34	49
Leon	0	0	0	0	0
Lincoln	0	0	0	110	89
Rickards	13	39	32	40	19
SAIL	0	0	0	19	23
TOTALS	55	141	149	260	233

Historical Overview: Career Dual Enrollment

CAREER DUAL ENROLLMENT ON LIVELY CAMPUS		
	2021-2022	2022-2023
Chiles	14	9
Godby	1	5
Leon	12	17
Lincoln	15	20
Rickards	1	2
SAIL	4	4
LCS Virtual School	0	2
TOTALS	47	59

Historical Overview: Middle School

INDUSTRY CERTIFICATION/DIGITAL TOOLS BY SCHOOL					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Cobb	191	191	84	490	349
Deerlake	465	945	1592	525	682
Fairview	344	397	244	207	217
Ft. Braden	9	2	19	204	219
Griffin	45	96	192	89	108
Montford	217	229	689	849	430
Nims	44	65	182	181	261
Raa	0	100	267	140	416
Swift Creek	52	32	175	49	0
Woodville	0	70	27	35	156
TOTALS	1367	2127	3471	2769	2838

Historical Overview: Middle School

FUNDING BY SCHOOL					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Cobb	\$29,303.95	\$26,780.83	\$8,836.90	\$53,204.26	\$41,905.53
Deerlake	\$76,782.46	\$119,105.73	\$170,741.51	\$55,646.77	\$80,242.85
Fairview	\$42,265.89	\$45,849.62	\$33,033.17	\$29,415.48	\$23,850.49
Ft. Braden	\$918.94	\$833.64	\$1,998.82	\$22,938.36	\$24,407.74
Griffin	\$10,108.33	\$12,400.46	\$20,514.23	\$9,770.04	\$13,039.75
Montford	\$31,346.03	\$35,429.90	\$76,427.39	\$106,010.06	\$71,430.21
Nims	\$4,492.59	\$6,773.36	\$23,249.46	\$21,451.62	\$29,088.68
Raa	\$0.00	\$17,923.36	\$50,812.17	\$32,071.23	\$53,708.63
Swift Creek	\$7,348.25	\$7,085.98	\$29,456.33	\$15,717.03	\$0.00
Woodville	\$0.00	\$9,061.72	\$4,944.46	\$7,750.19	\$19,944.36
TOTALS	\$202,566.43	\$281,244.61	\$420,014.44	\$353,975.03	\$357,618.24

Historical Overview: Post-Secondary

CERTIFICATIONS/DOLLARS BY THE NUMBERS					
	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Post-Secondary Certifications	138	259	230	322	325
	*\$104,195.00	\$259,000.00	\$230,000.00	\$322,000.00	*\$266,797.00

* Note: 2017-2018 and 2021-2022 fell into proration due to the statewide number of certifications earned exceeding the statewide appropriation. Appropriation goal from the state is \$1,000.00 at the post-secondary level.

District Activities

Leon Works

- Friday, April 28th
- Target Age: Juniors and Seniors



Florida Worlds of Work

- Thursday, October 19th & Friday, October 20th
- Target Age: 9th graders (parents invited for evening event)



Xello

- FLDOE new online college and career readiness platform
- Target Age: All K-12 students will have access through ClassLink



District Activities

Florida Ready to Work

Soft Skills Credential:

The new Florida Soft Skills solution features highly interactive digital training focused on in-demand employability skills including conveying professionalism, communicating effectively, teamwork and collaboration, and thinking critically and solving problems.

Employability Skills Credential:

Work Ready Math

Work Ready Reading

Work Ready Data

To earn the **Florida Ready to Work Credential**, participants must pass three, one-hour proctored assessments validating mastery of foundational workplace math, reading, and data analysis skills.

There are four Achievement Levels that correlate with the U.S. Department of Labor O*NET Job Zones 2-3-4-5, the nation's primary source of occupational data. The levels build on each other with each higher level indicating readiness for more jobs.

Those who pass the three assessments earn the Florida Ready to Work Credential which is issued by the State of Florida and signed by the Governor.



<https://www.floridareadytowork.com/>



Nails & Facial

SUMMER CAMP



HANDS-ON-LEARNING

- basic esthetician skills
- basic nail skills

\$80

for supplies



QR CODE
FOR REGISTRATION

**RIISING 6 - 8TH
GRADERS**

**MAY 30 - JUNE 2
OR**

JUNE 2 - JUNE 8
*SPOTS ARE LIMITED

8:00 A.M - 12:00 P.M

MORE CONTACT INFO: Chelsea Williams- Williamsc9@leonschools.net



BUILDING TRADES SUMMER CAMP

**JUNE 5 - 8
OR**

JUNE 12 - 15

8:00- 4:00 P.M

LIVELY TECHNICAL COLLEGE



**FREE FOR
GIRLS RISING
7TH & 8TH
GRADERS**

*LIMITED TO 20 GIRLS A WEEK

HANDS-ON- LEARNING

**BASIC BUILDING SKILLS
CARPENTRY
ARCHITECTURE**



QR code
for registration

850-487-7620

LIVELY TECHNICAL COLLEGE

WILLIAMSC9@LEONSCHOOLS.NET



Summer Certified Nursing Assistant Program

June 5th – July 20th * Monday – Thursday
(No classes the week of July 4th)
8:00 a.m. – 4:00 p.m.

Free for Rising High School Seniors

The student will earn 1.5 high school credits:
Basic Healthcare Worker (HSC0003) (1 credit)
Nurse Aide & Orderly (HCP0121) (.5 credit)

Courses are offered through dual enrollment with Lively Technical College. Courses are weighted at the AP level.

Nursing assistants provide basic bedside care and comfort to patients and residents in multiple healthcare setting. The Nursing Assistant program prepares students for employment in long-term care, hospitals, home health care and other health care facilities.

****Upon completion of program, students will be eligible to sit for state CNA exam. ****

The Certified Nursing Assistant Program covers:

- Activities of daily living
- Aging process
- Anatomy and physiology
- Body mechanics
- Client rights
- Communication
- Cultural and spiritual needs
- Data collection
- Ethics and legal issues
- Infection control
- Medical terminology
- Mental health
- Nutrition
- Personal care
- Range of motion
- Role and responsibility of the CNA
- Safety
- Vital signs and testing

Our course curriculum includes textbook lecture and in-depth instruction in the following areas:

- The Art of Caregiving
- Promoting Safety
- Providing Care
- Special Care Instructions
- Transitioning from Student to Employee

***Enrollment is limited to 15 students. SPOTS WILL FILL UP FAST - Application deadline April 28th**

To register for this program please contact:
Chelsea Williams at williamsc9@leonschools.net or 850.487.7620



Summer Phlebotomy Program

June 5th – July 20th * Monday – Thursday
(No classes the week of July 4th)
8:00 a.m. – 4:00 p.m.

Free for Rising High School Seniors

Students will earn 1.5 high school credits:
Basic Healthcare Worker (HSC0003) (1 credit)
Phlebotomist (MEA0520) (.5 credit)

Courses are offered through dual enrollment with Lively Technical College. Courses are weighted at the AP level.

Phlebotomists are employed in blood banks, hospitals, clinics and other medical facilities drawing blood from patients in preparation for medical testing. The program focuses on the skills and knowledge necessary to gain employment as a Phlebotomy Technician in a healthcare facility.

The healthcare field is a growing industry, and being a part of that field includes caring for people and their health. Phlebotomy can also be the first step as a health care professional.

Upon successful completion of the Phlebotomy Technician program, students will be prepared to sit for the required examination before the National Healthcare Association and begin the search for employment within the industry.

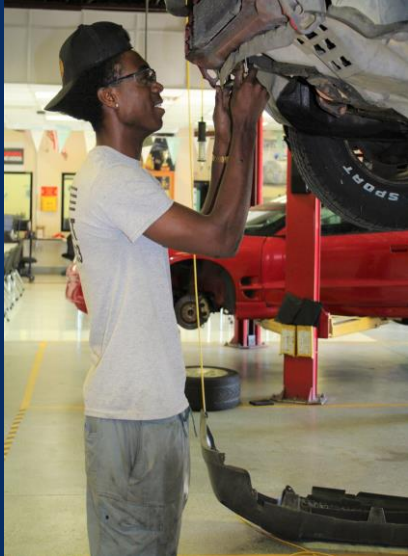
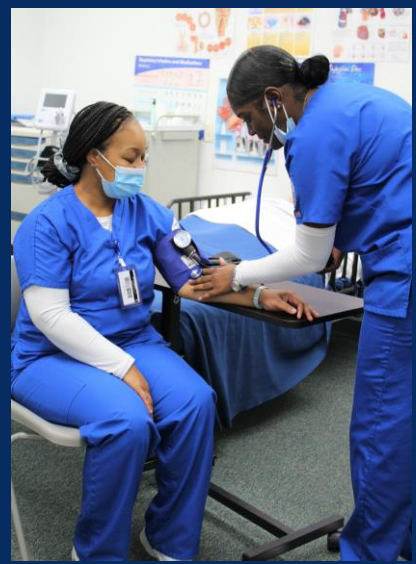
Our course curriculum includes textbook lecture and in-depth instruction in the following areas:

- Necessary skills required to perform venipuncture
- Safety and infection control
- Patient communication and education
- Law and ethics
- Transitioning from Student to Employee

***Enrollment limited to 15 students. Spots will fill up fast. Application Deadline- April 28th**

To register for this program please contact:
Chelsea Williams at williamsc9@leonschools.net or 850.487.7620





GET THERE
with Lively Technical College

**OPEN THE
POSSIBILITIES**
LEON COUNTY SCHOOLS

LT | Lively
Technical
College