



# CAREER & TECHNICAL EDUCATION

C T E

2017-2018  
District  
Advisory  
Committee



# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

CTE WORKS!

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## Enrollment

2004 – 2018 Enrollment History

2017 – 2018 Current Enrollment

Baker School

Choctawhatchee High School

CHOICE High School

Crestview High School

Fort Walton Beach High School

Laurel Hill School

Niceville High School

Manufacturing Academy

Bruner Middle School

Davidson Middle School

Destin Middle School

Lewis School

Meigs Middle School

Pryor Middle School

Ruckel Middle School

Shoal River Middle School

STEMM Academy

## Industry Certification

2004 – 2017 Industry Certifications Earned

2016 – 2017 Industry Certifications Earned By School

Baker School

Choctawhatchee High School

CHOICE High School

Crestview High School

Fort Walton Beach High School

Laurel Hill School

Niceville High School

Manufacturing Academy

Bruner Middle School

Davidson Middle School

Destin Middle School

Lewis School

Meigs Middle School

Pryor Middle School

Ruckel Middle School

Shoal River Middle School

STEMM Academy



# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

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## Member's Guide

### Purpose of Advisory Committee

A district Career and Technical Education (CTE) Advisory Committee is a vital link between the CTE program, business and industry. The CTE Advisory Committee will assist in assuring the relevance of the CTE program, help to create a partnership between CTE and the community, and increase public awareness of the career opportunities provided in our local schools.

### Why Was I Selected?

You have been selected to serve on the advisory committee because of your knowledge and understanding of your area of specialization or industry. You bring a unique perspective and provide invaluable knowledge of the career programs needed in our local area. Your expertise is essential in helping the CTE program address trends in the industry, identify skills needed in employees, and assist educators in maintaining a program that will enable students to enter and advance in the work force.

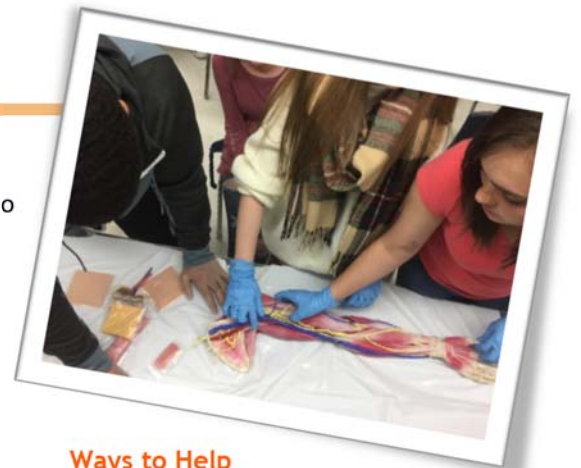
### What Will I Do?

Your role is to advise and guide the CTE program and to offer suggestions for improvements that will help the CTE program grow and expand.

### Advisory Committee Goals

Your goal as an advisory committee is to make sure that our programs provide students with the necessary skills to succeed in the workplace. In order to meet these goals, you will provide the following:

- information to update, modify, expand and improve the quality of CTE programs;
- support to strengthen the relationship between business, industry, the community and education;
- recommendations to strengthen and expand the curriculum; as well as, provide assistance in implementing these recommendations;
- assistance in identifying needs, determining priorities, and reviewing and evaluating programs; and
- guidance for long-term goals and objectives of the CTE program to parents, employers and the community.



### Ways to Help

To achieve these goals, members will provide valuable services in areas such as:

- community needs
- curriculum development
- facilities and equipment
- legislative and financial support
- public relations
- staff development
- student placement
- student recruitment
- Career and Technical Student Organization (CTSO) Support



2018 EDUCATION FACT

EDUCATIONAL ATTAINMENT FOR OKALOOSA COUNTY

The Florida Scorecard, Florida Chamber of Commerce, Feb 2018

39.2% AA Degree

28.8% Bachelor Degree



**Okaloosa County School District  
Career and Technical Education (CTE) ADVISORY COMMITTEE  
MEMBER LIST**



#	NAME	ORGANIZATION	POSITION	ROLL
1	Anderson, Brian	L3 Crestview Aerospace	Vice President & General Manager	Industry
2	Baggett, Alan	Building Industry Association	Executive Vice President	Industry
3	Baker, Greg	Baker School	IT Instructor	Teacher
4	Barrow, Jennifer	Meigs MS	Counselor	Counselor
5	Boutwell, Barry	Telaforce	Network Operations Manager	Industry
6	Brielmayer, Gary	Hilton Sandestin Beach Golf Resort & Spa	General Manager	Industry
7	Burns, Michele	CareerSource Okaloosa   Walton	Executive Director	Workforce Partner
8	Corcoran, Ted	Fort Walton Beach Chamber of Commerce	President/CEO	Industry
	Luttrell, Seth		Director of Operations	
9	Day, Dexter	Crestview High School	Principal	Principal
10	Derr, Tristan	Niceville High School	Student/Culinary Arts	Student
11	Dugan, Linda	Fort Walton Beach High School	Counselor	Counselor
12	Elrite, Greg	Crestview High School	Engineering Instructor	Teacher
13	Emigh, Michael	Niceville High School	Manufacturing Instructor	Teacher
14	Gislason, Nicole	University of West Florida	Director, Office of Career & Pro Ed	Education Partner
15	Grimes, Carl	Okaloosa Technical College	Recruiting	Education Partner
16	Harrison, Chris	Embry Riddle Worldwide	Associate Campus Director	Education Partner
17	Hayes, Mike	Certified Manufacturing Inc	General Manager	Industry
18	Henderson, Alvin	Okaloosa County Office of Public Safety	Director of Public Safety	Industry
19	Holloway, Keitha	Davidson MS	Counselor	Counselor
20	Horton, Jerral	Niceville High School	Assistant Principal	Administration
21	Larson, Rhonda	Southern Ventures Corp	Marketing Officer	Industry
22	Lightbourne, Sheila	Curriculum and Instruction	Director, Secondary Education	District Admin
23	Little, Bert	Pryor Middle School	Parent of Layla Little	Parent
24	Marello, Charlie	Niceville High School	Principal	Administration
25	Martello, Mike	Baker School	Principal	Administration
26	McAllister, Dr. Bran	McAllister Consulting		Industry
27	McDonald, Tim		Secretary/Treasurer	
	Setzer, Dee	Fort Walton Machining	Talent Acquisition Manager	Industry
	Weisenburger, Chad		Production Manager	
28	McKenzie, Dr. Tammy	Crestview High School	Allied Health Instructor	Teacher
29	Meyer, Grant	Destin Middle School	Principal	Administration
30	Mitchell, BJ	American Elite Molding	VP of Corporate Development	Industry
31	Negron, Amanda	Hsu Family Educational Foundation	Executive Director	Industry
32	Nehring, Peggy	Pryor Middle School	Assistant Principal	Administration
33	Palermo, Curt	Pryor Middle School	STEM Instructor	Teacher
34	Pannelli, Dominic	Niceville High School	Culinary Instructor	Teacher
35	Rasmussen, Eric	Niceville High School	Parent	Parent
36	Sabat, Josephine	FWB Medical Center	Faculty Educator	Industry
37	Sanders, Stephanie	Crestview High School	Counselor	Counselor
38	Sherwood, Dr. Dennis	Northwest Florida State College	Dean of Career & Technical Ed	Education Partner
	Clark, La'Terica			
39	Sparks, Nathan	Economic Development Council	Executive Director	Workforce Partner
40	Summerlin, Marie	Telaforce	Program Manager	Industry
41	Welch, David	Crestview High School	Automotive Instructor	Teacher
42	Wetzell, Lee	Employment Search Strategies	President	Industry



# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

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## CTE Staff

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### **Steve Horton**

*Assistant Superintendent of Schools*

MIS

850-689-7184

[HORTONS@Okaloosaschools.com](mailto:HORTONS@Okaloosaschools.com)

### **April Branscome**

*CTE Specialist*

850-833-5858

[branscomea@okaloosaschools.com](mailto:branscomea@okaloosaschools.com)

### **Ben Shuman**

*CTE REM Specialist*

850-833-5876

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### **Nancy Takacs**

*CTE Office Manager*

850-833-5852

[takacsn@okaloosaschools.com](mailto:takacsn@okaloosaschools.com)



# CTE Instructors – All Programs

## 2017 - 2018 School Year

### Baker School - 0041

- Alexander, John – IT
- Baker, Greg – IT
- **Burlison, Stacy – Applied Robotics**
- Gilbert, Sarah – Early Childcare
- Oglesby, Percy – Culinary
- Rogers, Nick – MS Construction & HS Welding

### Choctawhatchee High School - 0581

- Bates, Tasha – IT
- Brown, Hilary - IT
- Buchanan, Macey – IT
- **McSheehy, Sean – Engineering**

### CHOICE High School - 0701

- Deshong, Andrea – Cosmetology
- Griffith, Bill – Welding
- Hall, Twyla – Cosmetology
- Hencinski, Marcus - Culinary
- McMillin, Ivan – IT
- Preston, Royal – Construction
- Scott, Davin - HVAC
- Welch, James – Auto

### Crestview High School - 0601

- Crain, JP – Electrical
- **Elrite, Gregory – Engineering**
- Godwin, Billy – Welding
- Huntley, Cassi – Cosmetology
- Jones, Juanese - Medical
- McKenzie, Tammy – Medical
- Million, Meg - IT
- Morgan, Cliff - CSI
- Porter, Yolanda – IT
- **Sligar, Dan – IT/Robotics**
- Stakley, George – IT
- Tingle, Chuck – Culinary
- Welch, David – Auto
- Welch, JoAnna - Cosmetology

### Fort Walton Beach High School - 0641

- Bryant, Anthony – IT
- **Cotton, JC – Drafting**
- Krembel, Connie – IT
- Lamonica, Devon – BioMed
- Mason, Monique – IT
- McMillin, Ivan – IT
- Mueller, Megan – BioMed
- **Schwandt, Frank - Engineering**

### Laurel Hill School - 0201

- Cooper, Wanda – IT
- Gregory, Jerry – Welding

### Niceville High School - 0211

- **Emigh, Michael – Manufacturing**
- Foxhall, Carrie – IT
- Frakes, Jill – IT
- Huerkamp, Scott - IT
- Legarreta, William - IT
- Mason, Dave – Culinary
- Pannelli, Dominic – Culinary
- Pridgen, Ronda - IT
- **Shuman, Ben – Robotics**

### Bruner Middle School - 0651

- Cook, Michelle – IT

### Davidson Middle School - 0761

- Eastman, Cynthia – Health
- **Sexton, Tim - STEMM**
- Toney, Toni – IT

### Destin Middle School - 0771

- Carty, Tami – IT
- **Pack, Dawn – STEMM**

### Lewis School - 0671

- Martin, John – IT

### Meigs Middle School - 0082

- **Reid, James - STEMM**
- Reid, Justin – IT

### Pryor Middle School - 0271

- **Palermo, Curt - STEMM**
- Zirpola, John – IT

### Ruckel MS - 0121

- **Anderson, Alan - STEMM**
- McCollough, Pat – IT
- Walls, Kaitlin – IT

### Shoal River Middle School - 0092

- **Allen, Laurie – STEMM**
- Eckel, Lori – Culinary
- Whiddon, Nancy - IT

### STEMM Center (0721)

- **Jernigan, Rob – STEMM**

### Legend – text color determines CTE contact

- April Branscome
- **Ben Shuman**



# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

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## Brief History of CTE

The Okaloosa County School District was the birthplace of today's modern Career and Technical Education programs across Florida through the creation of CHOICE (Community High: Okaloosa Institutes for Career Education).

CHOICE was created in 2004, and was declared a model for career education by the US Department of Labor, because it provides a structure for reforming high school career education to ensure that graduating students are prepared for immediate employment, movement into postsecondary vocational training, or college.

The CHOICE program has moved from CHOICE to Career and Technical Education (CTE), where the CTE programs continue to engage students and prepare them for life success through multiple career pathways that are relevant to student interests and responsive to the needs of employers and the economy.

There are currently 22 CTE programs that are offered throughout the school district, which include:

Advanced Manufacturing Technology (9200200)  
Agritechnology (8106800)  
Air Conditioning, Refrigeration and Heating Technology (8723000)  
Allied Health Assisting (8417130)  
Applied Cybersecurity (9001300)  
Applied Robotics (9410100)  
Automotive Maintenance and Light Repair (9504100)  
Biomedical Sciences (8708100)  
Building Construction Technologies (8720300)  
Carpentry NEW (8104500)  
Cosmetology (8905100)

Criminal Justice Operations (8918000)  
Culinary Arts (8800500)  
Digital Design (8209600)  
Digital Video Technology (8201400)  
Drafting (8725000)  
Early Childhood Education NEW (8405100)  
Electricity (8727200)  
Engineering Pathways (9400300)  
Entrepreneurship (8812100)  
Web Application Development & Programming (9007500)  
Welding Technology Fundamentals (9204400)



In addition, middle school students have the opportunity to take several courses for high school credit, as well as participate in other CTE and STEM middle school courses.





# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

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## CTE Glossary and Terms

**Advisory Committee** – A selected group of individuals representing various sectors of business and industry who provide advice and technical assistance to the administrator, teacher and others in an area career and technical school, comprehensive high school or postsecondary institution.

**Articulation Agreement** – The State Board of Education rule that establishes provisions that facilitate the smooth transition of students through the various levels of the educational system.

**Career and Professional Education (CAPE) Act** – In 2007, the Florida Legislature passed the CAPE Act 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.

**Career and Technical Student Organizations (CTSOs)** – Profession-related activities integrated into the instructional program that contributes to the comprehensive learning experiences of students and provides unique opportunities for career and leadership development, motivation and recognition. Organizations have local, state and national affiliations.

- FBLA Future Business Leaders of America
- FFA Association of Agriculture Education Students
- HOSA Health Occupations Students of America
- Skills USA Trade and Industrial Students of America
- TSA Technology Student Association

**Career Pathway** – A series of structured and connected education programs and support services that enable students, often while they are working, to advance over time to better jobs and higher levels of education and training.

**Carl D. Perkins Vocational and Technical Education Act** – Federal legislation reauthorized in 2006 to

provide funding for career and technical education programs.

**Certified Teacher/Instructor** – A teacher who holds a current state of Florida teaching certificate or a district CTE teaching certificate in an approved content area as documented by work experience and education endorsements.

**Completer** – A student who finishes a planned sequence of courses or competencies designed to meet an academic or vocational occupational objective and has met all of the requirements of the institution for program completion.

**Employability Skills** – Skills relating to choosing a career, getting and keeping a job, making job and career changes, and career advancement.

**Internship** – Refers to work-based learning in which a partnership is established between the schools, the employer or business, and the student for the purpose of providing practical education to the student through productive work opportunities. A signed agreement between all parties, outlining a student's cooperative learning plan, is a necessary component of an internship.

**Occupational Completion Point** – A group of competencies/skills that are needed in order to obtain proficiency in a specific occupation as identified by an OES code (Occupational Employment Statistics), DOT code (Dictionary of Occupational Titles), or industry title.

**Programs of Study** – 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 certificate or licensure, and/or a baccalaureate degree.

**Vocational Credit** – The type of credit assigned to courses or course equivalent learning that is part of an organized and specified vocational degree or certificate program.



2017- 2018 Carl D. Perkins Allocation



By School and Program

Total Allocation from FLDOE \$259,356

PROGRAM	BAKER HS	CHOCTAW	CHOICE/OTC	CRESTVIEW	FWBHS	LAUREL HILL HS	NICEVILLE	BAKER MS	BRUNER	DAVIDSON	DESTIN	LAUREL HILL MS	LEWIS	MEIGS	PRYOR	RUCKEL	SHOAL RIVER	ADMIN	TOTAL	
AUTOMOTIVE			\$1,304	\$50,903																\$52,207
BIO-MEDICAL					\$7,491															\$7,491
CARPENTRY								\$1,034												\$1,034
COSMETOLOGY			\$1,896	\$12,732																\$14,628
CULINARY			\$1,500	\$5,642			\$87,319										\$2,869			\$97,330
ELECTRICAL																				\$0
ENGINEERING				\$39																\$39
HEALTH OCCUPATIONS				\$27,082																\$27,082
IT	\$78	\$156		\$427	\$156	\$39	\$426			\$39	\$39		\$39	\$39	\$39	\$78	\$39			\$1,594
MANUFACTURING							\$231													\$231
STEMM/ROBOTICS										\$6,174	\$9,629		\$2,047	\$2,256	\$1,614	\$7,852	\$8,293			\$37,865
WELDING				\$3,642				\$3,435												\$7,077
ADMIN & INDIRECT COST																			\$12,778	\$12,778
<b>TOTAL</b>	<b>\$78</b>	<b>\$156</b>	<b>\$4,700</b>	<b>\$100,467</b>	<b>\$7,647</b>	<b>\$39</b>	<b>\$87,976</b>	<b>\$4,469</b>	<b>\$0</b>	<b>\$6,213</b>	<b>\$9,668</b>	<b>\$0</b>	<b>\$2,086</b>	<b>\$2,295</b>	<b>\$1,653</b>	<b>\$7,930</b>	<b>\$11,201</b>	<b>\$12,778</b>	<b>\$259,356</b>	

**TRIUMPH GULF COAST, INC. PRE-APPLICATION FORM**

Triumph Gulf Coast, Inc. (“Triumph Gulf Coast”) has created a pre-application process to provide initial consideration of potential ideas for projects or programs that may seek an award of funding. Applicants are required to participate in the pre-application process. Notwithstanding the response from Triumph Gulf Coast on the pre-application form, an Applicant may still elect to submit an Application.

**APPLICANT INFORMATION:**

Name of Individual/Entity/Organization: School District of Okaloosa County

Brief Description of Background of Individual/Entity/Organization: The Okaloosa County School District (OCSD) serves approximately 32,000 students and operates thirty-nine neighborhood public schools and one digital learning school. Included in the school system are nineteen elementary schools, eight middle schools, five high schools. two K-12 schools, one K-8 school, one 3-8 performing arts academy in cooperation with the Northwest Florida Ballet, two schools for significantly cognitively delayed students, and one alternative education high school facility. In this district, a professional culture exists in which a high level of performance is expected of OCSD students; therefore, all students engage in rigorous, standards-based curriculum that promotes critical thinking and application of learning across content areas with the ultimate purpose of inspiring a lifelong passion for learning. Because of this high-performance level, the OCSD was one of only three districts in the state that earned a grade of A for two years in a row under the state of Florida’s new grading system and the only school district in northwest Florida to earn this accomplishment.

Contact Information:

Primary Contact Information: April Branscome  
Title: CTE Specialist  
Mailing Address: 120 Lowery Place, Fort Walton Beach, FL 32548  
Telephone Number: 850-833-5858  
Email Address: [branscomea@okaloosaschools.com](mailto:branscomea@okaloosaschools.com)  
Website: <http://www.okaloosaschools.com>

Names of co-applicants, partners or other entities, organizations that will have a role in the proposed project or program: N/A

**REQUIRED EXECUTIVE SUMMARY:**

In a maximum of three (3) pages, please describe the proposed project or program, including (i) the amount of funds being sought from Triumph Gulf Coast; (ii) the amount and identity of other sources of funds for the proposed project or program; (iii) the location of the project or program; (iv) summary description of the proposed program, including how the program will be transformational and promote economic recovery, diversification, and enhancement of the disproportionately affected counties, and (v) a summary timeline for the proposed project or program.

## **IMPORTANT NOTICE**

This pre-application process will **not** result in an award of funding by Triumph Gulf Coast. Rather, this process is designed to facilitate submission of ideas for potential projects or programs before the Applicant expends time and/or resources to complete a full Application. All Applicants for funding are required to complete an Application, which will be scored, and then considered for award in the discretion of Triumph Gulf Coast Board.

## Project Description

The Okaloosa County School District was the birthplace of today's modern Career and Technical Education programs across Florida through the creation of CHOICE (Community High: Okaloosa Institutes for Career Education). Based on the District's demonstrated success in preparing students for work as evidenced by earned industry certifications, we believe there is no better place to invest than in Okaloosa County schools, a continued state leader of Career and Technical Education. The District intends to submit a grant application in the amount of \$45,000,000 for our **VEINS (Vocational Education In Need of Support) Project**. Career and Technical Education (CTE) is like a vein, whose sole purpose is to supply oxygen-depleted blood to the heart. Many of the Okaloosa County School District's CTE programs are oxygen-depleted and need cutting edge equipment and facilities to be revived in order to supply the workforce—*oxygen*—to our local, diverse industries.

Northwest Florida Forward, a regional strategic initiative focused on driving economic vitality and growth in the Florida Panhandle, has identified as one of its goals the need to “connect the talent assets of Northwest Florida to key industry clusters and ensure a dynamic and diverse workforce for new and growing business” (*Northwest Florida Forward, 2017, p. 7*). In order for the Okaloosa County School District to assist in making the talent connection, we have to prepare students to be the “*oxygen*” in the highly competitive workforce environment. Educated, highly trained students will strengthen the local community's economy through targeted recruitment of new businesses and will support existing business expansions (*Northwest Florida Forward, 2017, p. 8*). To achieve this goal and transform Okaloosa County, it is important that we offer students customized workforce training programs in modernized facilities with equipment that meets current industry standards.

Since “access to talent continues to be the chief site selection factor for companies planning new facilities, expansion, and/or relocation,” the focus for this Triumph Gulf Coast proposal is to promote economic recovery, diversification, and enhancement by meeting the area's workforce demand and be a reason for businesses to relocate to our area (*Northwest Florida Forward, 2017, p. 12*).

The proposed project will be a stimulus for transforming the local area in meeting the talent demand in multiple ways.

- Construction of a modernized facility at Crestview High School to encompass Career and Technical Education programs at the school, including but not limited to, Allied Health, Culinary, Cybersecurity, IT, Robotics, Manufacturing and Cosmetology
- Expansion and modernization of current facilities at Niceville High School, creating a combined location for all of the school's workforce programs, including but not limited to, Allied Health, Culinary, Cybersecurity, IT, Robotics and Manufacturing
- Modernization of equipment in all CTE labs at Baker School, Choctawhatchee High School, OTC high school programs, Fort Walton Beach High School, and Laurel Hill School to provide industry standard equipment.

## Estimated Project Timeline

Task	Proposed Timeframe
Project Start-Up	February 2018
Facility Design Submission and Approval by OCSD	March 2018
Begin Project Construction	April 2018
Complete Project Construction	18-24 months

The proposed buildings and updates will significantly increase the District's ability to support the workforce needs of current and future industry in our region.

Triumph Gulf Coast funding will allow the schools to grow the educational opportunities for students through state-of-the-art Career and Technical Education classrooms and lab facilities. The funding will also expand work-based learning and career exploration opportunities for students that will build a bridge in the gap between academic and career planning. The **VEINS** Project will potentially influence 5,000 students in the first year.

Okaloosa schools are among the oldest in the State of Florida. Our seven high schools have had little or no updates to their facilities and have been limited in their equipment updates because of lack of funding. Career programs at all of the high schools offer students rigorous academic career pathways for all facets of the workforce ranging from cybersecurity to manufacturing to welding and everything in between. As is the case with most educational institutions, our high schools and their innovative instructors have made the workforce training programs successful using out-of-date facilities and equipment. Despite the aging facilities and lack of equipment, the Okaloosa County School District is second in the state and first in northwest Florida in College and Career Acceleration (*Education, Florida Department of. "School Accountability Reports." School Accountability Report, Florida Department of Education, 2017, schoolgrades.fldoe.org/*).

Having newly constructed and remodeled CTE facilities and updated equipment will give more exposure to the availability of career programs at the schools. The availability of career options will encourage students to make informed decisions about career education and training pathways open to them during and beyond high school, as well as train them for local employment. Students in these programs will have the required knowledge to go directly into the workforce or continue on to a postsecondary program. If students aspire to higher-level careers, with their enhanced knowledge in their selected career field, they will be better prepared to move forward into a postsecondary career program or degree.

At the time of this request, industry and labor partners have asked the District's CTE office to strengthen existing programs to better prepare students for entry-level jobs in our local area or to be a stepping-stone to postsecondary institutions. The Economic Development Council of Okaloosa County and the Northwest Florida Manufacturing Council are two prominent local organizations who have shared a strong mutual interest in preparing students for high-skill, high-wage, and high-demand careers. We have also created educational partnerships with Northwest Florida State College, Okaloosa Technical College, University of West Florida, and Florida State University's SSTRIDE program to create a

seamless transition from secondary to postsecondary for students who choose a postsecondary path.

Directly supporting the vision of Northwest Florida Forward, the **VEINS Project** enables the Okaloosa County School District to help transform northwest Florida's workforce development by providing project-based learning from industry-qualified instructors. Students will gain hands-on experience in industry quality labs leading to industry demanded certifications.

While Triumph Gulf Coast Grant funds will assist in building and equipping cutting edge, industry standard labs, the Okaloosa County School District will invest in the CTE programs by their continued support through the purchase of additional equipment through the Carl Perkins grant funds. With the enactment of the Career and Professional Education Act (CAPE), students also have the opportunity to earn national industry certifications that carry state allocated funding to individual programs earning certifications. At this time, approximately \$2.22 million (not including land and instructor salaries/benefits) is available to support the **VEINS Project**. The District will also provide qualified instructors to oversee the updated programs in order to maintain the quality of the equipment and classroom space created.

In order for students to succeed in life, it is our responsibility to prepare them for the ever-changing world of work. This means we have to prepare our students to be college ready and/or career ready. Career and Technical Education programs are the “**VEINS**” of CTE because they offer unique opportunities to engage students in an enormous variety of subjects, incorporating academic, creative and technical skills, with the specific goal, nowhere else represented in education, of preparing students for life.

Partnering with the Okaloosa County School District's Career and Technical Education program is a win-win situation—no matter how you look at it! We plan to transform our programs from **VEINS** to **ARTERIES (Accelerated Rigorous Technical Education Relevant In Employment Security)**, where we provide the oxygen to our workforce!

## Fastest growing occupations in Florida by 2025

Occupation	Median Hourly Wage	Recommended Education Level
Nurse Practitioners	\$46.25	Master's or Higher Degree
Physician Assistants	\$48.62	Bachelor's Degree
Physical Therapist Assistants	\$30.60	Associate Degree
Home Health Aides	\$11.21	Postsecondary Vocational
Operations Research Analysts	\$29.51	Master's or Higher Degree
Diagnostic Medical Sonographers	\$30.40	Postsecondary Vocational
Web Developers	\$28.26	Postsecondary Vocational
Physical Therapists	\$42.00	Master's or Higher Degree
Brickmasons and Blockmasons	\$17.43	Postsecondary Vocational
Medical Assistants	\$15.06	Postsecondary Vocational

Source(s): Florida Department of Economic Opportunity



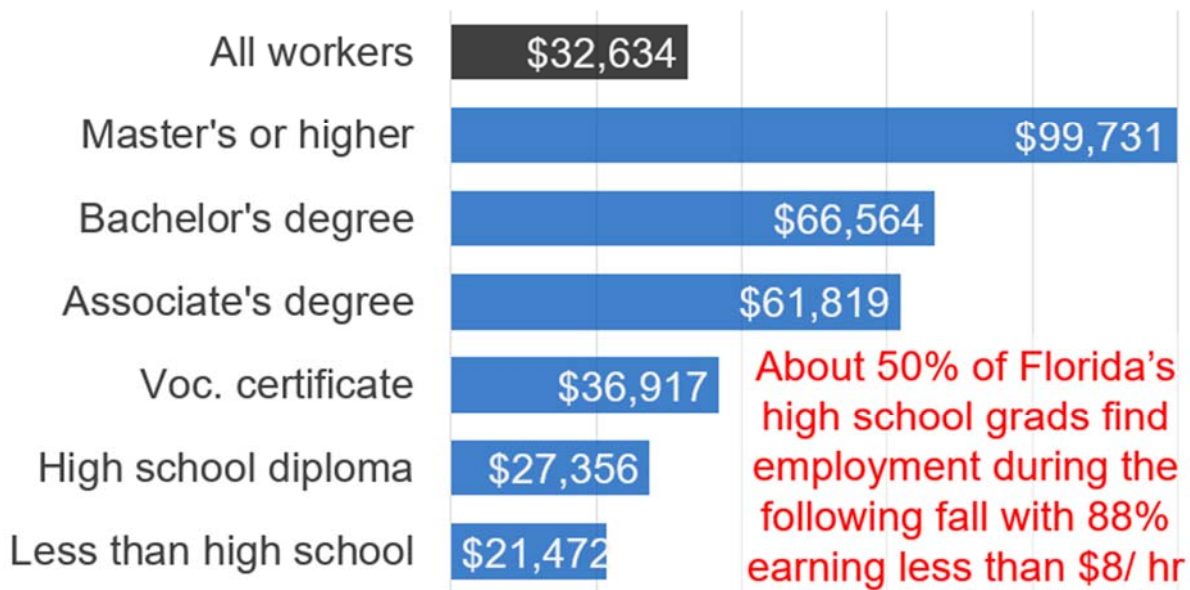
## Top 10 Industries by Employment

NAICS	Description	2016 Jobs	Forecast Growth, 2016-2021		2016 LQ (US = 1.00)
			Net	%	
<b>OKALOOSA COUNTY</b>					
901200	Federal Government, Military	17,145	10	0%	12.70
901199	Federal Government, Civilian, Excluding Postal Service	8,150	15	0%	5.42
722511	Full-Service Restaurants	7,176	417	6%	2.02
903611	Elementary and Secondary Schools (Local Government)	4,304	114	3%	0.92
722513	Limited-Service Restaurants	3,516	22	1%	1.25
541330	Engineering Services	2,693	558	21%	4.11
903999	Local Government, Excluding Education and Hospitals	2,668	71	3%	0.71
813110	Religious Organizations	2,334	338	14%	2.04
452910	Warehouse Clubs and Supercenters	1,821	167	9%	1.85
622110	General Medical and Surgical Hospitals	1,614	-207	-13%	0.52
<b>WALTON COUNTY</b>					
722511	Full-Service Restaurants	3,030	607	20%	3.42
721110	Hotels (except Casino Hotels) and Motels	1,693	129	8%	6.51
903999	Local Government, Excluding Education and Hospitals	1,291	213	16%	1.38
903611	Elementary and Secondary Schools (Local Government)	1,216	201	17%	1.04
722513	Limited-Service Restaurants	1,028	253	25%	1.46
622110	General Medical and Surgical Hospitals	681	172	25%	0.88
561730	Landscaping Services	629	110	17%	3.27
445110	Supermarkets and Other Grocery Stores	618	82	13%	1.45
448140	Family Clothing Stores	535	192	36%	7.60
902999	State Government, Excluding Education and Hospitals	529	69	13%	1.41

## Top 10 Occupations by Employment

SOC	Description	2016 Jobs	Forecast Growth, 2016-2021		Projected Annual Openings	2016 LQ (US = 1.00)
			Net	%		
<b>OKALOOSA COUNTY</b>						
55-9999	Military occupations	17,145	10	0%	406	12.70
41-2031	Retail Salespersons	4,166	-33	-1%	146	1.31
35-3031	Waiters and Waitresses	3,504	134	4%	202	2.04
35-3021	Combined Food Preparation and Serving	3,038	61	2%	113	1.37
41-2011	Cashiers	2,921	60	2%	138	1.23
43-6014	Secretaries and Administrative Assistants	2,057	13	1%	27	1.13
35-2014	Cooks, Restaurant	1,443	138	10%	69	1.78
43-9061	Office Clerks, General	1,398	31	2%	37	0.63
13-1199	Business Operations Specialists, All Other	1,393	4	0%	18	2.15
41-1011	First-Line Supervisors of Retail Sales	1,322	-1	0%	30	1.38
<b>WALTON COUNTY</b>						
41-2031	Retail Salespersons	1,809	508	28%	176	2.27
35-3031	Waiters and Waitresses	1,534	257	17%	134	3.56
41-2011	Cashiers	1,036	90	9%	65	1.75
35-3021	Combined Food Preparation and Serving	907	199	22%	74	1.63
37-2012	Maids and Housekeeping Cleaners	640	69	11%	30	2.53
35-2014	Cooks, Restaurant	637	148	23%	49	3.14
43-6014	Secretaries and Administrative Assistants	582	65	11%	20	1.28
37-3011	Landscaping and Groundskeeping Workers	555	96	17%	30	2.60
41-1011	First-Line Supervisors of Retail Sales	537	92	17%	32	2.24
49-9071	Maintenance and Repair Workers	448	62	14%	25	1.84

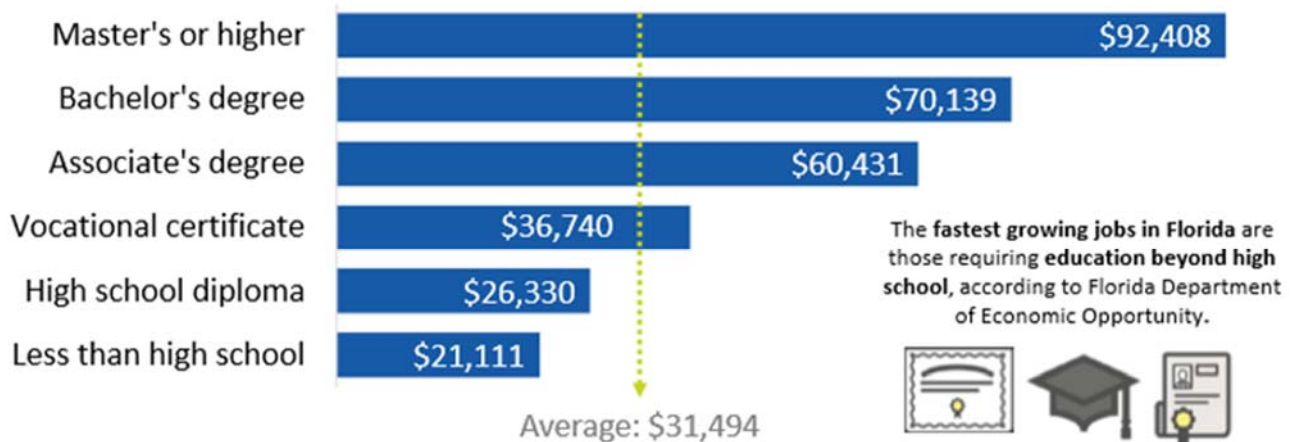
## How much does Florida's workforce make?



Source(s): Florida Department of Economic Opportunity, Bureau of Labor Statistics (2016); Florida Education & Training Placement Information Program (2014)



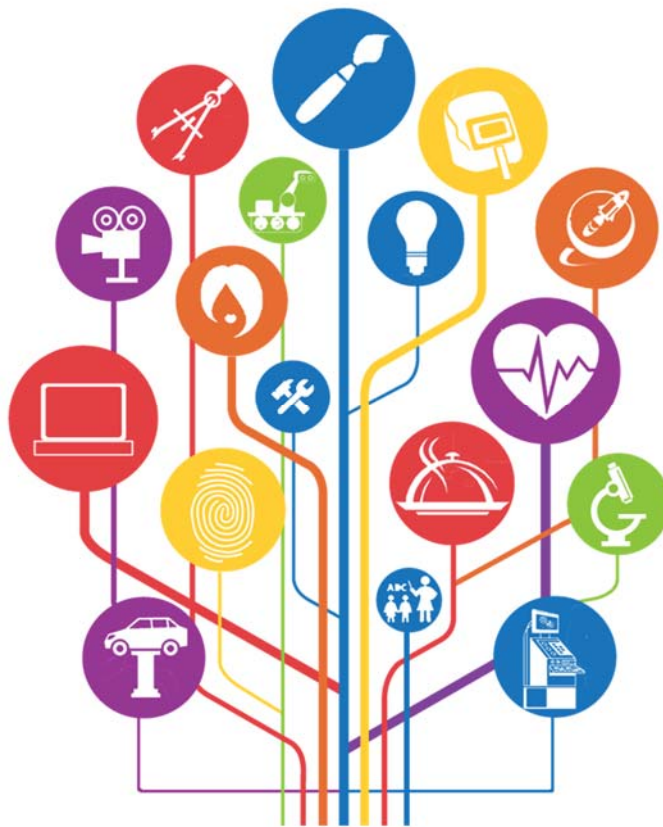
## What about Okaloosa County?



Source(s): Florida Department of Economic Opportunity, Bureau of Labor Statistics (2016); Florida Education & Training Placement Information Program (2014)

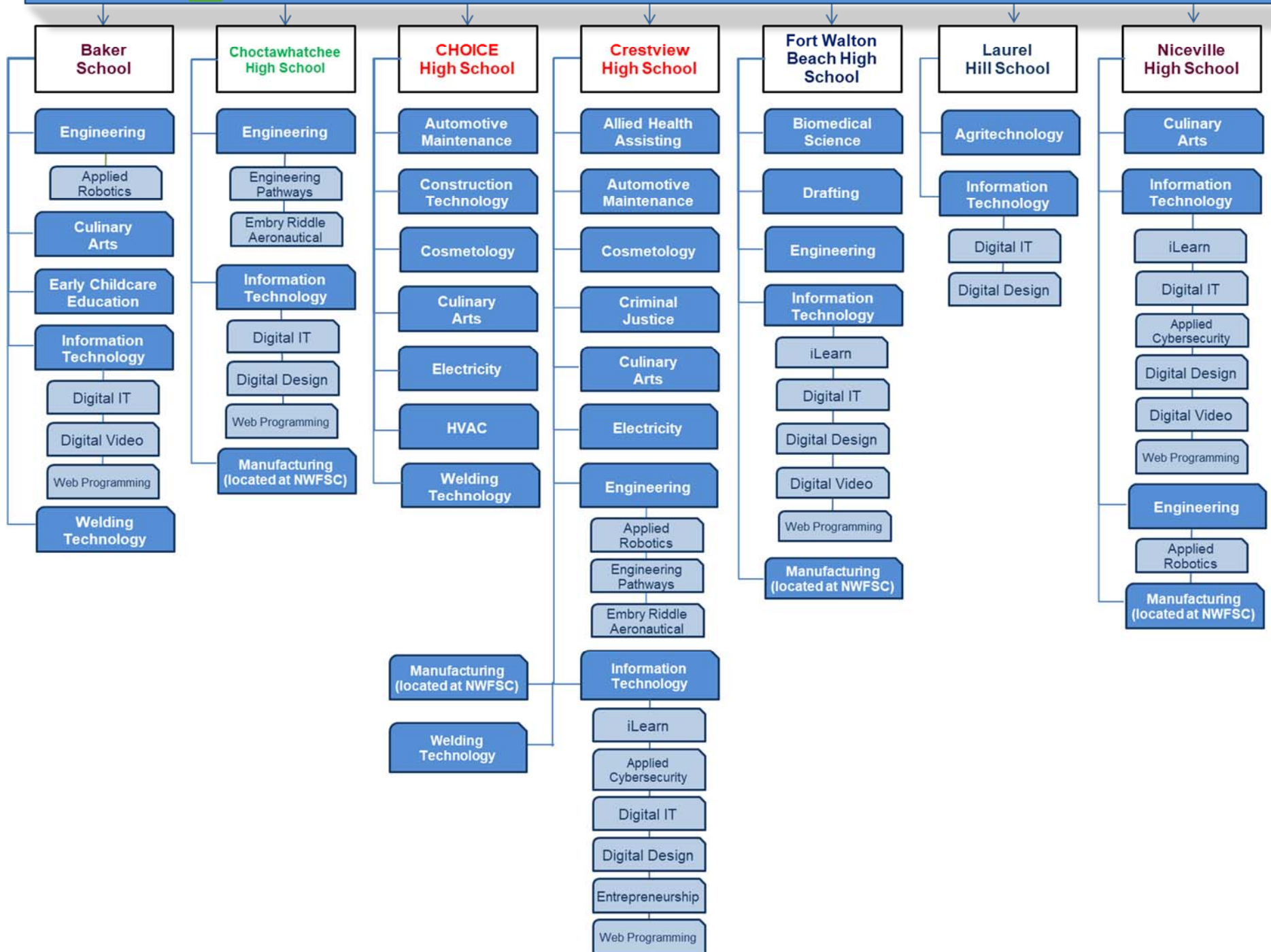


# Programs of Study



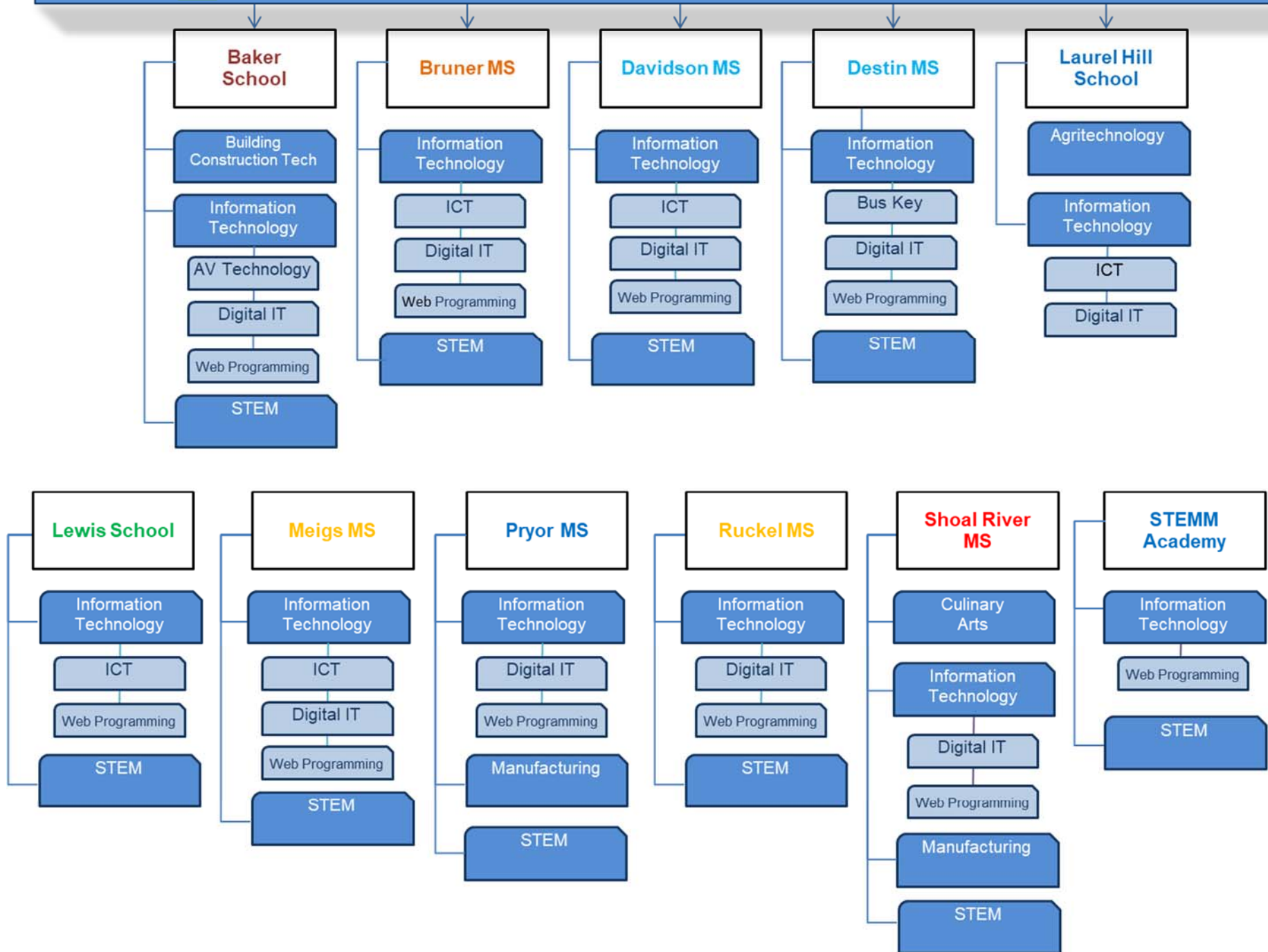


# 2018-2019 HS PROGRAMS BY SCHOOL





# 2018-2019 MS PROGRAMS BY SCHOOL





## 2017-2018 CTE Programs Middle School Course Offerings



@ =Certification that used to be issued by state

G =District CTE Cert

7 =District Vocational Cert

MS Course Number	Course Title	Teacher Cert Areas		Course Length	Offered at/Course Instructors	Industry Certifications
8021300	Fund of Agriculture, Food, & Nat Res Systems	Agriculture 1 @2	EXP AG @4	Year	Laurel Hill School	
8100110	Orientation to Agriscience and Career Planning	Agriculture 1 @2	EXP AG @4	Sem	Laurel Hill School	
8109350	Introduction to Architecture & Construction	TEC ED 1@2 BLDG CONST @7 7G	BLDG MAINT @7 7G DRAFTING @7 7G	Sem	Baker School	
8109360	Introduction to Architecture & Construction and Career Planning	TEC ED 1@2 BLDG CONST @7 7G	BLDG MAINT @7 7G DRAFTING @7 7G	Sem	Baker School	
8130300	Fundamentals of Architecture and Construction	TEC ED 1@2 BLDG CONST @7 7G	BLDG MAINT @7 7G DRAFTING @7 7G	Year	Baker School	
8200110	Business Keyboarding	BUS ED 1 @2 TC COOP ED @7	VOE @7	Sem	Destin MS Lewis School	
8209350	Introduction to Arts, AV Technology and Communication	BUS ED 1 @2 VOE @7 MKTG 1 SECRETAR 7 G COMP SCI 6 @2	COMM ART @7 7G PRINTING @7 7G TV PRO TEC @7 7G TEC ED 1@2 TC COOP ED @7	Sem	Baker School Pryor MS	
8209360	Introduction to Arts, AV Technology and Communication and Career Planning	BUS ED 1 @2 VOE @7 MKTG 1 SECRETAR 7 G COMP SCI 6 @2	COMM ART @7 7G PRINTING @7 7G TV PRO TEC @7 7G TC COOP ED @7	Sem	Baker School	
8260300	Fundamentals of AV and Print Technology	PRINTING @7 7G TEC ED 1 @ 2	TV PRO TEC @7 7G	Year	Baker School Pryor MS	
8260401	Fundamentals of Telecommunications	ELECTRONIC @ 7 7G ELECTRICAL @7 7G COMP SVC 7G	TELCOM 7G BUS MACH 7G TV PRO TEC @7 7G	Year	Baker School	
8600010	Introduction to Technology	TEC ED 1 @2 ENG TEC 7G	ENG 7G	Sem	Pryor MS	
8600020	Exploring Technology (8th Grade)	TEC ED 1 @2 ENG TEC 7G	ENG 7G	Sem	Baker School-Stacy Burlison Davidson MS-Tim Sexton Meigs MS-James Reid Pryor MS-Curt Palermo Ruckel MS-Scarlett Brock Shoal River MS-Laurie Allen	
8600220	Exploring Technology & Career Planning (8th Grade)	ENG 7G ENG TEC 7G	PLTW PTE 7G TEC ED 1 @2	Sem	Baker School-Stacy Burlison Davidson MS-Tim Sexton Meigs MS-James Reid Ruckel MS-Scarlett Brock Shoal River MS-Laurie Allen	
8809200	Fundamentals of Culinary Careers	FAM CON SC 1 CULINARY 7 G		Year	Baker School-Rusty Oglesby Shoal River MS- Lori Echols	
8809300	Fundamentals of Culinary Careers and Career Planning	FAM CON SC 1 CULINARY 7 G		Year	Baker School-Rusty Oglesby Shoal River MS- Lori Echols	
9009110	Information & Communications Technology (ICT) Essentials 1	BUS ED 1 @2 COMPU SCI 6	INFO TECH 7G WEB DEV 7G	Year	Davidson MS-Toni Toney Laurel Hill School-Wanda Cooper Lewis School-John Martin Shoal River MS-Carrie Foxhall STEMM Center-Rob Jernigan	
9009120	Information & Communications Technology (ICT) Essentials 2	BUS ED 1 @2 COMPU SCI 7	INFO TECH 7G WEB DEV 7G	Year	Laurel Hill School-Wanda Cooper STEMM Academy-Rob Jernigan	
9009130	Information & Communications Technology (ICT) Essentials 3	BUS ED 1 @2 COMPU SCI 8	INFO TECH 7G WEB DEV 7G	Year	Laurel Hill School-Wanda Cooper	
9009350	Exploring Information Technology Careers (7th Grade)	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G WEB DEV 7 G	DIGI MEDIA 7 G CYBER TECH 7 G COMP PROG 7 G	Sem	Baker School-Stacy Burlison Davidson MS-Tim Sexton Meigs MS-James Reid Ruckel MS-Scarlett Brock Shoal River MS-Laurie Allen	
9009360	Exploring Information Technology Careers & Career Planning (7th Grade)	BUS ED 1 @2 COMPU SCI 6 INFO TECH 7 G WEB DEV 7 G	DIGI MEDIA 7 G CYBER TECH 7 G COMP PROG 7 G	Sem	Baker School-Stacy Burlison Davidson MS-Tim Sexton Meigs MS-James Reid Ruckel MS-Scarlett Brock Shoal River MS-Laurie Allen	
9100310	Orientation to Careers and Technical Occupations	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE		Sem	Davidson MS-Tim Sexton	
9260401	Fundamentals of Manufacturing	TEC ED 1 @ 2 AUTO PROD 7G ENG 7G	ELECTRONIC @7 7G IND ENGR 7G	Year	Pryor MS-Curt Palermo Shoal River MS-Laurie Allen	SOLID003 Certified SolidWorks Associate- Academic (SAA)



2017-2018 CTE Program Information



@ =Certification that used to be issued by state  
 G =District CTE Cert  
 7 =District Vocational Cert  
 (EQ=Equally Rigorous Science, PA=Practical Arts, EC=Economics, VO=Career and Technical Education)  
 SAA State Articulation Agreement  
 LAA Local Articulation Agreement

**Agriculture, Food and Natural Resources Career Cluster**

**Landscape Operations (8002100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8106810	Agriscience Foundations 1	AGRICUTUR 1 @2 HORT@ 7G	9-12	Laurel Hill	1 Credit	3		EQ	4.5	
	8121510	Introductory Horticulture 2			Laurel Hill	1 Credit	3		PA	4.5	
	8121520	Horticulture Science 3				1 Credit	3		PA	5	

**Agritechnology (8106800)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8106810	Agriscience Foundations 1	AGRICUTUR 1 @2	9-12	Laurel Hill	1 Credit	3		EQ	4.5	
	8106820	Agritechnology 1			Laurel Hill	1 Credit	2		VO	4	
	8106830	Agritechnology 2			Laurel Hill	1 Credit	2		VO	4	

**Architecture & Construction Career Cluster**

**Air Conditioning, Refrigeration and Heating Technology (8723000)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8713010	Air Cond, Refrig and Heating Tech 1	AC HEAT ME @7 7G REFRG MECH 7 G	9-12	CHOICE HS	1 Credit	2		VO	4	
	8713020	Air Cond, Refrig and Heating Tech 2			CHOICE HS	1 Credit	2		VO	4	
B	8713030	Air Cond, Refrig and Heating Tech 3			CHOICE HS	1 Credit	2		VO	4	
	8713040	Air Cond, Refrig and Heating Tech 4			CHOICE HS	1 Credit	2		VO	4	
C	8713050	Air Cond, Refrig and Heating Tech 5			CHOICE HS	1 Credit	2		VO	4	
	8713060	Air Cond, Refrig and Heating Tech 6			CHOICE HS	1 Credit	2		VO	4	
	8713070	Air Cond, Refrig and Heating Tech 7			CHOICE HS	1 Credit	2		VO	4	

**Building Construction Technologies (8720300)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr	
A	8720310	Building Construction Technologies 1	AC HEAT MC @7 7G BLDG CONST @7 7G BLDG MAINT @7 7G CARPENTRY @7 7G DRAFTING @7 7G ELECTRICAL @7 7G ENG 7G	9-12	CHOICE HS	1 Credit	2		VO	4	NCCER Core (Non-funded) NCCER005 NCCER Carpentry Level 1 (SAA) NCCER032 NCCER Carpentry Level 2 (All certs can be earned during all years.)	
	8720320	Building Construction Technologies 2			CHOICE HS	1 Credit	2		VO	4		
	8720330	Building Construction Technologies 3			CHOICE HS	1 Credit	3		VO	5		
B	8720340	Building Construction Technologies 4			PLUMBIN @7 7G SHEETMETAL @7 7G TEC CONSTR @7 7G	CHOICE HS	1 Credit	2		VO		4
	8720350	Building Construction Technologies 5			TEC DRAFT 7G TROWEL TR 7G	CHOICE HS	1 Credit	2		VO		4
	8720360	Building Construction Technologies 6			WOODWORKIN @4	CHOICE HS	1 Credit	2		VO		4
	8720370	Building Construction Technologies 7				CHOICE HS	1 Credit	2		VO		4

**Carpentry NEW (8104500)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8104510	Carpentry 1	CAB WOODWK @7 7G CARPENTRY @7 7G BLDG CONST @7 7G TEC CONSTR @7 7G	9-12	CHOICE HS	1 Credit	2		VO	4	NCCER Core (Non-funded) NCCER005 NCCER Carpentry Level 1 (SAA) NCCER032 NCCER Carpentry Level 2 (All certs can be earned during all years.)
	8104520	Carpentry 2			CHOICE HS	1 Credit	2		PA	4	
B	8104530	Carpentry 3			CHOICE HS	1 Credit	3		VO	4.5	
	8722140	Carpentry 4			CHOICE HS	1 Credit	3		VO	4	
C	8722150	Carpentry 5			CHOICE HS	1 Credit	3		VO	4	
	8722160	Carpentry 6			CHOICE HS	1 Credit	3		VO	4	
	8722170	Carpentry 7			CHOICE HS	1 Credit	3		VO	4	

**Electricity (8727200)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8727210	Electricity 1	ELECTRICAL @7 7G IND ENGR 7G TEC ED 1@2	9-12	CVHS	1 Credit	2		VO	4	NCCER Core (Non-funded) NCCER010 NCCER Electrical - Level 1 (SAA) NCCER038 NCCER Electrical Level 2 (All certs can be earned during all years.)
	8727220	Electricity 2			CVHS	1 Credit	2		VO	4	
B	8727230	Electricity 3	ELECTRICAL @7 7G	CVHS	1 Credit	3		VO	5		
	8727240	Electricity 4		CVHS	1 Credit	3		VO	5		
	8727250	Electricity 5		CVHS	1 Credit	3		VO	5		
C	8727260	Electricity 6	CVHS	1 Credit	3		VO	5			
	8727270	Electricity 7	CVHS	1 Credit	3		VO	5			
	8727280	Electricity 8	CVHS	1 Credit	3		VO	5			

**Drafting (8725000)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8725010	Drafting 1	BLDG CONSTR @7 7G DRAFTING @7 7G TEC DRAFT 7G TEC CONSTR @7 7G	9-12	FWBHS	1 credit	3		PA	4.5	ADESK002 AutoCAD User (SAA)
B	8725020	Drafting 2			FWBHS	1 credit	3		PA	4.5	ADESK021 AutoCAD Cert Professional (SAA)
	8725030	Drafting 3			FWBHS	1 credit	3		PA	4.5	ADESK011 Autodesk Inventor Cert User (SAA)
	8725040	Drafting 4			FWBHS	1 credit	3		PA	4.5	

**Arts, A/V Technology & Communication Career Cluster**

**Digital Design (8209600)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology	BUS DP @7 %G BUS ED 1 @2	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
B	8209510	Digital Design 1	CLERICAL @7 7G COMM ART @7 7G		All HS*	1 Credit	2	✓	PA	4	ADOBE022 Adobe Photoshop Creative Cloud ACA (LAA)
C	8209520	Digital Design 2	COMP SCI 6 @2		All HS*	1 Credit	3	✓	PA	5	ADOBE020 Adobe Illustrator ACA (LAA)
	8209530	Digital Design 3	ELECT DP @7 %G		CVHS, NHS	1 Credit	3	✓	PA	5	ADOBE021 Adobe InDesign ACA (LAA)
D	8209540	Digital Design 4	PRINTING @7 7G		NHS	1 Credit	3	✓	PA	4.5	ADOBE003 Adobe Certified Expert Illustrator (LAA)

\*except Baker School



**Digital Video Technology (8201400) - Replacing Digital Video Production which is being daggered**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8201410	Digital Video Technology 1	TEC ED 1 @ 2 TV PRO TEC @7 7G	9-12	BAKER, FWBHS, NHS	1 credit	3	✓	PA	TBD	ADOBE018 Adobe Premiere Pro ACA
	8201420	Digital Video Technology 2			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	TBD	
	8201430	Digital Video Technology 3			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	TBD	
B	8201440	Digital Video Technology 4			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	TBD	
	8201450	Digital Video Technology 5			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	TBD	
C	8201460	Digital Video Technology 6			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	TBD	

**Television Production Technology (8201500) - Taking the place of Television Production which has been daggered**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8201510	Television Production Technology 1	TEC ED 1 @ 2 TV PRO TEC @ 7 7G	9-12	CHOICE HS	1 Credit	2	✓	PA	4	ADOBE018 Adobe Premiere Pro ACA
	8201520	Television Production Technology 2			CHOICE HS	1 Credit	2	✓	PA	4	
	8201530	Television Production Technology 3			CHOICE HS	1 Credit	3	✓	PA	4.5	ADOBE018 Adobe Premiere Pro ACA or APPLE020 Apple Final Cut Pro X (SAA)
B	8201540	Television Production Technology 4			CHOICE HS	1 Credit	3	✓	PA	4.5	APPLE020 Apple Final Cut Pro X (SAA)
	8201550	Television Production Technology 5			CHOICE HS	1 Credit	3	✓	PA	4.5	
	8201560	Television Production Technology 6			CHOICE HS	1 Credit	3	✓	PA	4.5	
C	8201570	Television Production Technology 7			CHOICE HS	1 Credit	3	✓	PA	4.5	
	8201580	Television Production Technology 8			CHOICE HS	1 Credit	3	✓	PA	4.5	

**Education & Training Career Cluster**

**Early Childhood Education NEW (8405100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8405110	Early Childhood Education NEW 1	FAM CON SC 1 PK/PRIMARY H PRESCH ED A PRIMARY ED @B E CHILD ED @0 HOMEMAKING @2&7 HME EC OCC #7	9-12	Baker School	1 credit	2		VO	4	
B	8405120	Early Childhood Education NEW 2			Baker School	1 credit	2		VO	4	
C	8405130	Early Childhood Education NEW 3			Baker School	1 credit	3		PA	4.5	LAA
D	8405140	Early Childhood Education NEW 4			Baker School	1 credit	3		VO	4.5	

**Engineering & Technology Education Career Cluster**

**Technology Studies (8600100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8600510	Technology Studies I/Intro to Aviation/Aero & Engin.	TEC ED 1 @2 ENG 7G	9-12	Choctaw HS, CVHS	1 credit	2		PA	4	

**Applied Engineering Technology (8401100) (Taking the place of Engineering Technology (8607000))**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8401110	Applied Engineering Technology I	TEC ED 1 @2 ENG 7G ENG TEC 7G	9-12	Choctaw HS	1 credit	3		PA	4.5	
	8401120	Applied Engineering Technology II			Choctaw HS	1 credit	3		VO	4.5	
	8401130	Applied Engineering Technology III			Choctaw HS	1 credit	3		PA	5	

**Engineering Pathways (9400300)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8600550	Introduction to Engineering Design	TEC ED 1 @2 ENG 7G PLTW PTE 7G	9	CHS, CVHS, FWBHS	1 credit	3		PA	5	ADESK002 AutoCAD User (SAA)
	8600520	Principles of Engineering			CHS, CVHS	1 credit	3		PA	5	ADESK011 AutoDesk Inventor Cert. User (SAA)
	8600530*	Digital Electronics*			CHS, CVHS	1 credit	3		PA	4.5	
	8600560*	Computer Integrated Manufacturing* or				1 credit	3		PA	4.5	
	8600590*	Civil Engineering and Architecture* or				1 credit	3		PA	5	
	8600620*	Aerospace Engineering* or				1 credit	3		PA	5	
	8600630*	Biotechnical Engineering* or				1 credit	3		PA	5	
	8600650**	Engineering Design and Development			CHS, CVHS	1 credit	3		PA	5	

\* Select one of the courses to offer \*\* Capstone

**Applied Robotics (9410100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	9410110	Foundations of Robotics	TEC ED 1 @2 ENG @7 7G ROBOTICS 7G ENG TEC 7G	9-12	Baker, CVHS, NHS	1 credit	3		PA	4.5	
	9410120	Robotic Design Essentials			Baker, CVHS, NHS	1 credit	3		PA	5	RECFN001 RECF Pre-Engineering Certification
	9410130	Robotic Systems			Baker, CVHS, NHS	1 credit	3		PA	5	ADESK011 AutoDesk Inventor Cert User (SAA)
	9410140	Robotic Applications Capstone				1 credit	3		PA	5	RECFN002 RECF Robotics Certification

**Advanced Technology Applications (8601900)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8601900	Advanced Technology Applications	* Since this program serves as a capstone experience for the student, the teacher certification must be appropriate to the student's Engineering & Technology program of study and the teacher certifications specified in the respective curriculum framework	9-12	CVHS, FWBHS	1 credit	3		PA	5	ADESK011 AutoDesk Inventor Cert User (SAA) - FWBHS

**Health Science Career Cluster****Allied Health Assisting (8417130)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8400320	Medical Skills and Services	ANY HEALTH OCCUP G *(See DOE approved list)	9-12	CVHS	1 credit	2		VO	4	
A	8417100	Health Science Anatomy & Physiology			CVHS	1 credit	3		EQ	4	LAA
	8417110	Health Science Foundations			CVHS	1 credit	3		VO	4	American Heart Association Basic Life (Non-funded) LAA
B	8417131	Allied Health Assisting 3			CVHS	1 credit	2		VO	4	IESMR001 Emergency Medical Responder - LAA

**Biomedical Sciences (8708100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr	
NO OCP	8708110	Principles of the Biomedical Sciences	BIOLOGY 1 @2 REG NURSE 7 G MED PROF 7 G	9-12	FWBHS	1 credit	3		EQ	4.5		
	8708120	Human Body Systems			PARAMEDIC @7 7G PLTW HEALTH 7G	FWBHS	1 credit	3		EQ	4.5	
	8708130	Medical Interventions			LAB TECH @7 7G	FWBHS	1 credit	3		EQ	4.5	
	8708140	Biomedical Innovation				FWBHS	1 credit	3		VO	5	CERHB001 Biotechnician Assistant (SAA)

**Health Science Directed Study (8400100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8400100	Health Science Directed Study	ANY HEALTH OCCUP G *(See DOE approved list)	11-12	Can be offered at any HS	Multiple credits	2		VO	4	

**Hospitality & Tourism Career Cluster**

**Culinary Arts (8800500)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8800510	Culinary Arts 1	FAM CON SCI CULINARY 7G	9-12	Baker, CHOICE HS, CVHS, NHS	1 credit	2		VO	4	SafeStaff Employee Foodhandler (non-funded) NRAEF003 Certified Food Protection Manager (ServSafe) (SAA) (All certs can be earned during all years.)
B	8800520	Culinary Arts 2			Baker, CHOICE HS, CVHS, NHS	1 credit	2		PA	4	
C	8800530	Culinary Arts 3			Baker, CHOICE HS, CVHS, NHS	1 credit	3		PA	4	
D	8800540	Culinary Arts 4			Baker, CHOICE HS, CVHS, NHS	1 credit	3		VO	5	

**Human Services Career Cluster**

**Cosmetology (8905100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8757210	Grooming and Salon Services Core 1	COSMETOL @7 7G PERS SERV @7 7G	9-12	CHOICE HS, CVHS	.5 credit	2		PA	4	
	8905120	Cosmetology Nails 2			CHOICE HS, CVHS	.5 credit	2		PA	4	
	8905130	Cosmetology Facials 3			CHOICE HS, CVHS	.5 credit	2		PA	4	
	8905140	Cosmetology 4			CHOICE HS, CVHS	1 credit	2		PA	4	
	8905150	Cosmetology 5			CHOICE HS, CVHS	1 credit	2		PA	4	
	8905160	Cosmetology 6			CHOICE HS, CVHS	1 credit	2		PA	4	
	8905170	Cosmetology 7			CHOICE HS, CVHS	1 credit	2		PA	4	
	8905180	Cosmetology 8			CHOICE HS, CVHS	1 credit	2		PA	4	
	8905190	Cosmetology 9			CHOICE HS, CVHS	1.5 credits	2		PA	4	

**Information Technology Career Cluster**

**Business Technology Education Core**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology (or)	Identified by the requirements of the program in which the course is associated.	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
A	9003410	Computer Fundamentals	Identified by the requirements of the program in which the course is associated.	9-12	Can be offered at any HS	1 credit	2	✓	PA	4	

**Applied Cybersecurity (9001300)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology AND	BUS ED 1 @2 COMPU SCI 6 CYBER TECH 7G INFO TECH 7G	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
	9001320	Computer & Network Security Fund.			CVHS, NHS	1 credit	3	✓	VO	4.5	MICRO076 MTA Windows Op Sys Fund MICRO102 - MTA-Mobility and Devices Fundamentals (SAA)
	9001330	Cybersecurity Essentials			NHS	1 credit	3	✓	VO	4.5	MICRO078 MTA Networking Fund
	9001340	Operational Cybersecurity			NHS	1 credit	3	✓	VO	4.5	MICRO077 MTA Security Fund
B	9001350	Cybersecurity Planning & Analysis			NHS	1 credit	3	✓	VO	4.5	COMPT001 CompTIA A+ (SAA)

**Business Directed Study (8200100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8200100	Business Education Directed Study	ANY BUSINESS ED G BUS ED 1 @ 2	11-12	Can be offered at any HS	Multiple credits	2		VO	4.5	

**Information Technology Directed Study (9000100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	9000100	Information Technology Directed Study	BUS ED 1 @2 INFO TECH 7G WEB DEV 7G	11-12	Can be offered at any HS	1 credit	2		VO	4.5	COMP PROG 7G COMPU SCI 6 CYBER TECH 7G DIGI MEDIA 7G

**Digital Media Technology (9005100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology	BUS ED 1 @2 DIGI MEDIA 7G INFO TECH 7G	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
B	9005110	Digital Media Fundamentals			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	4.5	ADOBE018 Adobe Premier Pro ACA
	9005120	Digital Media Production Systems			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	4.5	
	9005130	Digital Media Delivery Systems			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	4.5	
	9005140	Advanced Digital Media Systems			BAKER, FWBHS, NHS	1 Credit	3	✓	PA	4.5	

**.NET Application Development & Programming (9007400)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology	BUS ED 1 @2 COMP SCI 6 COMP PROG 7 G	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
D	9007410	.NET Application Development Foundation				1 credit	3		VO	4.5	MICRO074 MTA: Software Dev Fund
	9007420	.NET Application Development Applied			NHS	1 credit	3		VO	4.5	
	9007430	.NET Application Development Capstone			NHS	1 credit	3		VO	4.5	

**Network Support Services (8208000) (No longer offering after the current students finish the program track)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology	BUS ED 1 @2 VOE @7 CLERICAL @7 G SECRETAR 7G TEC ELEC \$7 G COMPU SCI 6 COMP SVC 7G	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
B	8207020	Networking 1			1 credit	2	✓	VO	4.5	MICRO076 MTA Windows Op Sys Fund	
C	8207030	Networking 2, Infrastructure			CVHS	1 credit	3	✓	VO	5	MICRO078 MTA Networking Fund
D	8207040	Networking 3, Infrastructure			CVHS	1 credit	3	✓	VO	5	MICRO077 MTA Security Fund
E	8207050	Networking 4, Infrastructure			CVHS	1 credit	3	✓	VO	5	MICRO075 MTA Windows Server Admin
F	8207060	Networking 5			CVHS	1 credit	3	✓	VO	5	COMPT001 CompTIA A+ (SAA)

**Web Development (9001100) (No longer offering after the current students finish the program track)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8207310	Digital Information Technology	BUS ED 1 @2 VOE @7 SECRETAR 7G STENOG @4 TEC ELEC \$7 G COMP SCI 6 COMM ART @7 7G WEB DEV 7 G	9-12	Can be offered at any MS or HS	1 credit	2	✓	PA	4	MICRO069 Microsoft Office Specialist (SAA)
B	9001110	Foundations of Web Design			All MS* & HS*	1 credit	3	✓	PA	4.5	PROSO020 CIW Site Dev Assoc (SAA)
	9001120	User Interface Design			All HS	1 credit	3	✓	PA	5	PROSO027 CIW Advanced HTML5 & CSS3 Specialist (SAA)
C	9001130	Web Scripting Fundamentals			CVHS, NHS	1 credit	3	✓	PA	5	PROSO017 CIW JavaScript Specialist (SAA)
	9001140	Media Integration Essentials				1 credit	3	✓	PA	5	
D	9001150	E-commerce & Marketing Essentials				1 credit	3	✓	VO	5	
	9001160	Interactivity Essentials		1 credit	3	✓	PA	4.5			

\*except Laurel Hill & Davidson MS

**Web Application Development & Programming (9007500)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
D	9007510	Web Programming	BUS ED 1 @2 COMP SCI 6 COMP PROG 7 G	9-12	NHS	1	3	✓	VO	5	PROSO020 CIW Site Dev Assoc (SAA)
	9007510	JavaScript Programming		9-12		1	3	✓	VO	5	PROSO017 CIW JavaScript Specialist (SAA)
	9007530	PHP Programming		9-12		1	3	✓	VO	4.5	Zend PHP Certified (non-funded)
D	9007230	Object-Oriented Programming Fundamentals		9-12		1	3	✓	VO	5	ORACL004 Oracle Certified Associate Java Programmer (SAA)

**Law, Public Safety & Security Career Cluster**

**Criminal Justice Operations (8918000)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8918010	Criminal Justice Operations 1	LAW ENF @7 7 G PUB SERV 7 G CORR OFF 7 G	9-12	CVHS	1 credit	2		VO	4	LAA
	8918020	Criminal Justice Operations 2			CVHS	1 credit	2		VO	4	LAA
	8918030	Criminal Justice Operations 3			CVHS	1 credit	3		VO	5	LAA
	8918040	Criminal Justice Operations 4 (Track 1)				1 credit	3		VO	5	LAA
	8918040	Criminal Justice Operations 4 (Track 1)				1 credit	3		VO	5	LAA

**Manufacturing Career Cluster**

**Welding Technology Fundamentals (9204400)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	9204410	Welding Technology Fundamentals 1	WELDING @7 7G METAL WORK 7G	9-12	BAKER, CHOICE HS, CVHS	1 credit	3		PA	4	NCCER CORE (non-funded) NCCER061 NCCER Welding - Level 1 (SAA) NCCER062 NCCER Welding - Level 2 (SAA) (All certs can be earned during all years.)
	9204420	Welding Technology Fundamentals 2			BAKER, CHOICE HS, CVHS	1 credit	3		PA	4	
B	9204430	Welding Technology Fundamentals 3			BAKER, CHOICE HS, CVHS	1 credit	3		PA	4	
	9204440	Welding Technology Fundamentals 4			BAKER, CHOICE HS, CVHS	1 credit	3		PA	4	
C	9204450	Welding Technology Fundamentals 5			BAKER, CHOICE HS, CVHS	1 credit	3		VO	4	

**Advanced Manufacturing Technology (9200200) (Taking the place of Automation and Production Technology (9200100) (DAGGERED FOR DELETION NO NEW ENROLLMENT))**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	9200210	Advanced Manufacturing Technology 1	AUTO PROD 7G ENG 7G	9-12	NWFSC	1 credit	2		VO	4.5	SOLID003 Certified SolidWorks Associate-Academic (SAA) MSSCN001 Certified Production Technician (SAA) (All certs can be earned during all years.)
B	9200220	Advanced Manufacturing Technology 2			NWFSC	1 credit	3		VO	4.5	
C	9200230	Advanced Manufacturing Technology 3			NWFSC	1 credit	3		VO	4.5	
D	9200240	Advanced Manufacturing Technology 4			NWFSC	1 credit	3		VO	5	
E	9200250	Advanced Manufacturing Technology Capstone		11-12	NWFSC	1 credit	3		VO	5	

**Manufacturing Directed Study (9201000)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	9201000	Manufacturing Directed Study	Any District Certification appropriate to the students' chosen career field	11-12	Can be offered at any HS	Multiple credits	2		VO	4.5	

**Marketing, Sales & Service Career Cluster**

**Entrepreneurship (8812100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	8812110	Principles of Entrepreneurship	BUS ED 1 MKTG 1 MKTG MGMT @7 7G	9-12	CVHS	1 credit	2	✓	PA	4.5	MICRO017 Microsoft Office Specialist Master (SAA)
	8812120	Business Management and Law				1 credit	3		VO	4.5	
B	8812000	Business Ownership					1 credit	3		PA	

**Transportation, Distribution & Logistics Career Cluster**

**Automotive Maintenance and Light Repair (9504100)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
A	9504110	Automotive Maintenance and Light Repair 1	AUTO IND @7 %7%G AUTO MECH @7 7G	9-12	CHOICE HS, CVHS	1 credit	2		VO	4	<b>Certs only being earned at CHOICE HS.</b> FLADA001 FADA, NIASE002 ASE Master Automobile Technician NIASE014 ASE Suspension & Steering NIASE005 ASE Transmission (SAA), NIASE007 ASE Brakes (SAA), NIASE008 ASE Electrical/Electronic Systems (SAA), NIASE009 ASE Engine Performance (SAA), NIASE010 ASE Engine Repair (SAA), NIASE011 ASE Heat & AC (SAA), NIASE012 ASE Manual Drive & Axles (SAA) (All certs can be earned during all years.)
	9504120	Automotive Maintenance and Light Repair 2			CHOICE HS, CVHS	1 credit	2		VO	4	
	9504130	Automotive Maintenance and Light Repair 3			CHOICE HS, CVHS	1 credit	2		VO	4	
	9504140	Automotive Maintenance and Light Repair 4			CHOICE HS, CVHS	1 credit	2		VO	4	
B	9504150	Automotive Maintenance and Light Repair 5			CHOICE HS, CVHS	1 credit	2		VO	4	
	9504160	Automotive Maintenance and Light Repair 6			CHOICE HS, CVHS	1 credit	2		VO	4	

**Other CTE Programs**

**iLearn - Workplace Technology Applications (8300330)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
N/A	8300330	Workplace Technology Applications	ANY VOC FIELD OR COV ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER	9-12	CVHS, FWBHS, NHS	.5 credit	2		VO	4	

**Diversified Career Technology (8303000)**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
Refer to Curr. Frame. For reporting	8303010	Diversified Career Technology Principles	COOR DCT @4 @7 MKTG 1@2 COOP TEACH @7 ANY VOC FIELD OR COV	9-12	CVHS	1 credit	2		VO	4	
	8303020	Diversified Career Technology Applications			CVHS	1 credit	2		VO	4	
	8303030	Diversified Career Technology Management			CVHS	1 credit	2		VO	4	
	8300410	Diversified Career Technology - OJT			CVHS	Multiple	2		VO	4	

**Family and Consumer Science**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	8502000	Life Management Skills	REG NURSE G PRAC NURSE @7 7G	9-12		.5 credit	2		VO	4	
	8500355	Nutrition and Wellness/Food 1	FAM CON SC 1 CULINARY 7G			.5 credit	2		VO	4	
	8500390	Principles of Foods/Food 2	FAM CON SC 1 CULINARY 7G			.5 credit	2		VO	4	
	8500310	Child Development	FAM CON SC 1 PRIMARY ED @B			.5 credit	2		VO	4	
	8500300	Parenting Skills	PRAC NURSE @7 PRIMARY ED @B			.5 credit	2		VO	4	

**Aerospace Science**

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
NO OCP	1800350	Aerospace Science 4: Transportation			Choctaw HS	1 credit	2		EL	5	AMSTL003 Global Logistics Associate (SAA)
NO OCP	1801330N	Army: Lead Ed/Train 4			CVHS						AMSTL003 Global Logistics Associate (SAA)

## CHOICE Aviation Institute - Embry Riddle Courses


## Choctawhatchee High School

OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
	ASCI 202	Intro to Aeronautical Science			Fall	.5 credit	3		EL	5	Dual Enrollment Course
	SFTY 205	Aviation Accident Investigation			Spring	.5 credit	3		EL	5	Dual Enrollment Course
	AMNT 270	Airframe Structures & Applications			Fall	.5 credit	3		EL	5	FEDAA011 FAA Basic Ground School - Pilot
	AMNT 281	Aircraft Propulsion Systems and Applications			Spring	.5 credit	3		EL	5	Dual Enrollment Course
	ASCI 260	Intro Unmanned Systems			Fall	.5 credit	3		EL	5	Dual Enrollment Course
	SFTY 210	Intro to Aviation Safety			Spring	.5 credit	3		EL	5	Dual Enrollment Course
	ENG 101	Intro to Engineering			Fall	.5 credit	3		EL	5	Dual Enrollment Course
	ENG 120*	Graphical Communication			Spring	.5 credit	3		EL	5	ADESK002 AutoCAD User (SAA) ADESK011 AutoDesk Inventor Cert User (SAA) SOLID003 - Certified Solidworks Associate
	MGT201	Management for Aeronautical Science			Fall	.5 credit	3		EL	5	Dual Enrollment Course
	MGT 295*	Intro to Logistics			Spring	.5 credit	3		EL	5	AMSTL003 Global Logistic Associate

## Crestview High School


OCP	Course Number	Course Title	Teacher Cert Areas	Grade Levels	Offered at	Length	Level	Meets Online Req	Grad Req	Current Weight	Certification and/or Art Agr
	ASCI 121*	Private Pilot Operations (year long)			Fall	1 credit	3		EL	5	FEDAA011 FAA Basic Ground School - Pilot
	ASCI 260	Intro to Unmanned Systems			Fall	.5 credit	3		EL	5	Dual Enrollment Course
	AMNT 240	General Aeronautics & Applications			Spring	.5 credit	3		EL	5	Dual Enrollment Course



<b>Career Cluster: Agriculture, Food and Natural Resources</b>				<b>CTE Program:</b> Secondary: <b>Agritechnology (8106800)</b> Postsecondary:				
<b>Career Cluster Pathway: Animal Systems and Plant Systems</b>				<b>Industry Certification:</b> Secondary: <b>Agritechnology Certification (FLFBR001)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Agriscience Foundations 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History	Student Choice Elective	Agritechnology 1	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Agritechnology 2	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics	Student Choice Elective	Ag, Food & Natural Resources Directed Study	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
			<b>Northwest Florida State College</b> Agricultural (Food & Resource) Economics, AA Agricultural Science, AA Biochemistry, AA			<b>UWF</b> Food & Resources Economics, BA <b>FAMU</b> Agribusiness, BA Food Science, BA <b>FSU</b> Biological		

CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
	Agricultural & Food Science Technician	Agricultural Communications Specialist Agricultural Salesperson Meat Cutter-Meat Grader Meat Processor	Biochemist-Nutritionist Bioengineer Dietician Food and Fiber Engineer Food Scientist Meat Science Researcher Microbiologist Quality Control Specialist
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		<b>Statewide Articulation Agreement</b> <b>Agriculture Technician</b> shall articulate to three (2) college credit hours to the AS Degree in Agriculture Production.	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT			


Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>

<b>Career Cluster: <i>Architecture &amp; Construction</i></b>				<b>CTE Program:</b> Secondary: <i>Air Conditioning, Refrigeration and Heating Technology (8723000)</i> Postsecondary: <i>State CIP Code 0647020107</i>				
<b>Career Cluster Pathway: <i>Construction</i></b>				<b>Industry Certification:</b> Secondary: Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Air Cond, Ref, & Heating 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Air Cond, Ref, & Heating 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Air Cond, Ref, & Heating 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Air Cond, Ref, & Heating 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Air Conditioning, Refrigeration & Heating Technology							
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	<ul style="list-style-type: none"> <li>Technician Mechanic</li> <li>Field Supervisor</li> </ul>		<ul style="list-style-type: none"> <li>Assistant Service Manager</li> <li>Assistant Manager</li> </ul>		<ul style="list-style-type: none"> <li>HVAC Manager</li> <li>General Manager</li> </ul>			

<b>Articulation and CTE Dual Enrollment Opportunities</b>			
<b>CREDIT</b>	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		750 Clock Hours for courses with competencies corresponding to OCP A, preparing students for careers as a HVAC technicians.	
<b>Career and Technical Student Association</b>			
SkillsUSA			
<b>Internship/Work Experience Recommendations</b>			
Work-based learning opportunities: OJT, internship and/or job shadowing			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Architecture &amp; Construction</i></b>				<b>CTE Program:</b> Secondary: <i>Building Construction Technologies (8720300)</i> Postsecondary: <i>State CIP Code 0615100103</i>				
<b>Career Cluster Pathway: <i>Construction</i></b>				<b>Industry Certification:</b> Secondary: <i>NCCER Carpentry Level 1 (NCCER005), OSHA, NCCER Core</i> Postsecondary: <i>NCCER Carpentry Levels 1, 2, 3, 4 (NCCER005, NCCER032, NCCER0033, NCCER034 )</i>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b>  FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b>  (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Building Const Tech 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Building Const Tech 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Building Const Tech 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Building Const Tech 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Construction		Northwest Florida State College A.S. Degree Architectural Design & Construction Technology – Architectural Design Option Architectural Design & Construction Technology – Construction Technology Option			University of West Florida Bachelors of Science Engineering Technology		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>			
	<ul style="list-style-type: none"> <li>• Helper</li> <li>• Installation Worker</li> <li>• Repair Worker</li> <li>• Maintenance Worker</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Laborer</li> <li>• Apprentice</li> <li>• Carpenter</li> <li>• Installer</li> </ul>	<ul style="list-style-type: none"> <li>• Bricklayer</li> <li>• Plumber</li> <li>• HVAC Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Manager</li> <li>• Building Inspector</li> <li>• Purchasing Agent</li> <li>• Instructor</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>			
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>	
	450 Clock Hours for courses with competencies corresponding to OCP A, preparing students for careers as a carpenter.	<p style="text-align: center;"><b><u>Statewide Articulation Agreement</u></b>  <b>Pensacola State College</b>  <b>NCCER Carpentry Level 1</b>            shall articulate to three (3) college credit hours to the AAS/AS Degree in Carpentry Management.</p> <p>The 600 clock hour program in Carpentry 1 AND the 600 clock hour program in Carpentry 2 shall articulate three (3) college credit hours to the AAS/AS Degree in Building Construction Technology.</p>		
<b>Career and Technical Student Association</b>				
SkillsUSA				
<b>Internship/Work Experience Recommendations</b>				
Work-based learning opportunities: OJT, internship and/or job shadowing				

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information


<b>Career Cluster: <i>Architecture &amp; Construction</i></b>				<b>CTE Program:</b> Secondary: <i>Carpentry NEW (8104500)</i> Postsecondary: <i>State CIP Code 0615100103</i>				
<b>Career Cluster Pathway: <i>Construction</i></b>				<b>Industry Certification:</b> Secondary: <i>NCCER Carpentry Level 1 (NCCER005), OSHA, NCCER Core</i> Postsecondary: <i>NCCER Carpentry Levels 1, 2, 3, 4 (NCCER005, NCCER032, NCCER0033, NCCER034 )</i>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b>  FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b>  (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Carpentry 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Carpentry 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Carpentry 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Carpentry 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Construction		Northwest Florida State College A.S. Degree Architectural Design & Construction Technology: Architectural Design Option Construction Technology Option			University of West Florida Bachelors of Science Engineering Technology		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>			
	<ul style="list-style-type: none"> <li>• Helper</li> <li>• Installation Worker</li> <li>• Repair Worker</li> <li>• Maintenance Worker</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Laborer</li> <li>• Apprentice</li> <li>• Carpenter</li> <li>• Installer</li> </ul>	<ul style="list-style-type: none"> <li>• Bricklayer</li> <li>• Plumber</li> <li>• HVAC Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Manager</li> <li>• Building Inspector</li> <li>• Purchasing Agent</li> <li>• Instructor</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>			
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>		<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
	450 Clock Hours for courses with competencies corresponding to OCP A, preparing students for careers as a carpenter.	<p style="text-align: center;"><b><u>Statewide Articulation Agreement</u></b>  <b>Pensacola State College</b>  <b>NCCER Carpentry Level 1</b></p> <p style="text-align: center;">shall articulate to three (3) college credit hours to the AAS/AS Degree in Carpentry Management.</p> <p style="text-align: center;">The 600 clock hour program in Carpentry 1 AND the 600 clock hour program in Carpentry 2 shall articulate three (3) college credit hours to the AAS/AS Degree in Building Construction Technology.</p>		
<b>Career and Technical Student Association</b>				
SkillsUSA				
<b>Internship/Work Experience Recommendations</b>				
Work-based learning opportunities: OJT, internship and/or job shadowing				

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information




<b>Career Cluster: <i>Architecture and Construction</i></b>				<b>CTE Program:</b> Secondary: <b>Drafting (8725000)</b> Postsecondary: <b>State CIP Code 1615130102</b>				
<b>Career Cluster Pathway: Design/Preconstruction</b>				<b>Industry Certification:</b> Secondary: <b>AutoCAD Certified User (ADESK002)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Drafting 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Drafting 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Drafting 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Drafting 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>	<b>COMMUNITY COLLEGE PROGRAM(S)</b>				<b>UNIVERSITY PROGRAM(S)</b>		
		<b>Northwest Florida State College</b> <b>Associate in Science</b> Drafting and Design Technology - Mechanical Design/CAD Option (AS) Drafting and Design Technology - Technical Illustration Option (AS)  <b>College Credit Certificate</b> AutoCAD Foundations (CCC) Drafting Design (CCC)				<b>Florida A &amp; M University</b> <b>Bachelor of Science</b> Architectural Studies Architecture  <b>University of Florida</b> <b>Bachelors of Design</b> Architecture		

Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)			
CAREER	<ul style="list-style-type: none"> <li>• Architecture and Civil Drafter</li> <li>• Blueprint Reader</li> <li>• Computer Aided Drafter</li> <li>• Drafting Assistant</li> </ul>	<ul style="list-style-type: none"> <li>• Architectural and Civil Drafter</li> <li>• Civil Engineering Technician</li> <li>• Computer Aided Drafter</li> <li>• Drafter: Electrical and Electronic</li> <li>• Engineering Technical</li> <li>• Mechanical Drafter</li> <li>• Surveying and Mapping Technician</li> <li>• Surveyor</li> </ul>	<ul style="list-style-type: none"> <li>• Architectural Drafter/Technician/Technologist /Building Designer</li> <li>• Architect</li> <li>• Urban Designer</li> <li>• Civil Engineer</li> <li>• Environmental Engineer</li> <li>• Industrial Engineer</li> <li>• Landscape Architect</li> </ul>
	Articulation and CTE Dual Enrollment Opportunities		
CREDIT	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		<u><b>State Articulation Agreement</b></u> <b>AutoCAD Certified User</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Architecture Design & Construction Technology.	<u><b>State Articulation Agreement</b></u> <b>AutoCAD Certified User</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Architecture Design & Construction Technology.
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Architecture &amp; Construction</i></b>				<b>CTE Program:</b> Secondary: <b>Electricity (8727200)</b> Postsecondary: <b>State CIP Code</b>				
<b>Career Cluster Pathway: <i>Construction</i></b>				<b>Industry Certification:</b> Secondary: <b>NCCER Electrical – Level 1 &amp; Level 2 (NCCER010, NCCER038)</b> Postsecondary: <b>NCCER Electrical – Level 1 - Level 4 (NCCER010, NCCER038, NCCER039, NCCER040)</b>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Electricity 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Electricity 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Electricity 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Electricity 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Electrician		Seminole State College of Florida Bachelor of Science in Construction			University of Florida Bachelor of Science Construction & Planning		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Electrician’s Helper</li> <li>• Residential Electrician</li> <li>• Commercial Electrician</li> <li>• Maintenance and Repair Worker, General</li> <li>• Security and Fire Alarm Systems Installer</li> </ul>	<ul style="list-style-type: none"> <li>• Electrician</li> <li>• Facilities Technician</li> <li>• Materials Lab and Supply Technician</li> <li>• Quality Technician</li> <li>• Survey Technician</li> <li>• Technical Sales Manager</li> <li>• Technical Writer</li> </ul>	<ul style="list-style-type: none"> <li>• Architectural Drafter/Designer</li> <li>• Architectural Renderer</li> <li>• Building Inspector/Contractor</li> <li>• Construction/Building Technology</li> <li>• Construction Manager</li> <li>• Construction Scheduler</li> <li>• Drafter</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		<p><b><u>Statewide Articulation Agreement</u></b></p> <p><b>NCCER Electrical Level 1</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Construction Electricity Management.</p> <p><b>NCCER Electrical Level 2</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Construction Electricity Management.</p>	
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Arts, A/V Technology and Communication</i></b>				<b>CTE Program:</b> Secondary: <b>Digital Design (8209600)</b> Postsecondary: <b>State CIP Code 1611080300</b>				
<b>Career Cluster Pathway: <i>Design Services</i></b>				<b>Industry Certification:</b> Secondary: <b>Adobe ACA Photoshop CC (ADOBE022), Adobe ACA Illustrator CC (ADOBE020), Adobe ACA InDesign CC (ADOBE021), Adobe Expert Illustrator (ADOBE003)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Digital Design 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Digital Design 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Digital Design 3	Elective/Foreign Language
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Digital Design 4	Elective/Foreign Language
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Northwest Florida State College College Credit Certificate Graphic Design Production (CCC) Graphic Design Support (CCC)		Northwest Florida State College Associate in Science Graphics Technology - Graphic Design Option (AS) Graphics Technology - Visual Artist Option (AS)			University of West Florida Bachelors in Art Graphic Design Specialization		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Advertising Sales Agent</li> <li>• Comm Artist, Illustrator, and Artist</li> <li>• Graphic Designer</li> <li>• Production Assistant</li> </ul>	<ul style="list-style-type: none"> <li>• Advertising Manager</li> <li>• Advertising Designer</li> <li>• Graphic Designer</li> <li>• Digital Assistant Designer</li> <li>• Interior Designer</li> </ul>	<ul style="list-style-type: none"> <li>• Creative Director</li> <li>• Graphic Designer</li> <li>• Interior Designer</li> <li>• Multimedia Designer</li> <li>• Production Manager</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
		<p style="text-align: center;"><b><u>Local Articulation Agreement</u></b></p> <p style="text-align: center;"><b>Northwest Florida State College</b> <b>Adobe Certified Associate - Photoshop</b> shall articulate to four (4) college credit hours for ART 2602C Computer Graphics and three (3) college credits as a Technical elective (NGE/OCC)</p> <p style="text-align: center;"><b>Adobe Certified Associate - InDesign</b> shall articulate three (3) college credit hours for GRA 1121C Desktop Publishing I and three (3) college credits as a Technical elective (NGE/OCC)</p> <p style="text-align: center;"><b>Adobe Certified Associate - Illustrator</b> shall articulate three (3) college credit hours for ART 1600C Computer Art 1 and three (3) college credits as a Technical elective (NGE/OCC)</p>	<p style="text-align: center;"><b><u>Local Articulation Agreement</u></b></p> <p style="text-align: center;"><b>Northwest Florida State College</b> <b>Adobe Certified Associate - Photoshop</b> shall articulate to four (4) college credit hours for ART 2602C Computer Graphics and three (3) college credits as a Technical elective (NGE/OCC)</p> <p style="text-align: center;"><b>Adobe Certified Associate - InDesign</b> shall articulate three (3) college credit hours for GRA 1121C Desktop Publishing I and three (3) college credits as a Technical elective (NGE/OCC)</p> <p style="text-align: center;"><b>Adobe Certified Associate - Illustrator</b> shall articulate three (3) college credit hours for ART 1600C Computer Art 1 and three (3) college credits as a Technical elective (NGE/OCC)</p>
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information


<b>Career Cluster: <i>Arts, A/V Technology and Communication</i></b>				<b>CTE Program:</b> Secondary: <b>Digital Video Technology (8201400)</b> Postsecondary: <b>State CIP Code 1611080102</b>				
<b>Career Cluster Pathway: <i>Multimedia Production</i></b>				<b>Industry Certification:</b> Secondary: <b>Adobe ACA Premiere Pro CC (ADOBE018)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>• Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>• Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>• One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Digital Video Technology 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Digital Video Technology 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Digital Video Technology 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Digital Video Technology 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Northwest Florida State College College Credit Certificate</b> Digital Media/Multimedia Authoring (CCC) Digital Media/Multimedia Presentation (CCC)		<b>Northwest Florida State College Associate in Science</b> Digital Media/Multimedia Technology (AS)			<b>University of West Florida Bachelors in Fine Art</b> Digital Art Graphic Design  <b>Florida State University Bachelors in Fine Art</b> Motion Picture Arts		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Animator</li> <li>• Graphic Designer</li> <li>• Production Artist</li> <li>• Video Motion Graphic Editor</li> </ul>	<ul style="list-style-type: none"> <li>• Animator</li> <li>• Graphic Designer</li> <li>• Production Artists</li> <li>• Video Motion Graphic Editor</li> </ul>	<ul style="list-style-type: none"> <li>• Illustrator</li> <li>• Audio Visual Collection Specialist</li> <li>• Commercial and Industrial Designer</li> <li>• Animation Designer</li> <li>• Art Director</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information




<b>Career Cluster: <i>Education &amp; Training</i></b>				<b>CTE Program:</b> Secondary: <b>Early Childhood Education NEW (8405100)</b> Postsecondary: <b>State CIP Code 1413121004</b>				
<b>Career Cluster Pathway: <i>Teaching/Training</i></b>				<b>Industry Certification:</b> Secondary: Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Early Childhood Education NEW 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Early Childhood Education NEW 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Early Childhood Education NEW 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Early Childhood Education NEW 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Northwest Florida State College</b>  <b>College Credit Certificate</b> Child Care Center Management Specialization (CCC) Child Development Early Intervention (CCC) Infant/Toddler Specialization (CCC) Preschool Specialization (CCC)		<b>Northwest Florida State College</b> <b>Associate in Science</b> Early Childhood Education (AS)			<b>Northwest Florida State College</b> <b>Bachelor of Science</b> Early Childhood Education  <b>University of West Florida</b> <b>Bachelors of Arts</b> Elementary Education		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
		<ul style="list-style-type: none"> <li>• Preschool/Pre-kindergarten Teacher</li> <li>• Childcare Center Director</li> <li>• Childcare Owner/Operator</li> </ul>	<ul style="list-style-type: none"> <li>• Early Childhood Education Teacher</li> <li>• Early Childhood Curriculum Specialist</li> <li>• Elementary School Teacher</li> <li>• School Psychologist</li> <li>• Guidance Counselor</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Engineering &amp; Technology Education</i></b>				<b>CTE Program:</b> Secondary: <i>Applied Robotics (9410100)</i> Postsecondary: <i>State CIP Code 1615000001</i>				
<b>Career Cluster Pathway: <i>Manufacturing Production Process</i></b>				<b>Industry Certification:</b> Secondary: <i>RECF Pre-Engineering (RECFN001), AutoDesk Inventor Cert User (ADESK011), RECF Robotics (RECFN002)</i> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Foundation of Robotics	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Robotic Design Essentials	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Robotic Systems	Advanced Manufacturing Technology Capstone
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Robotic Application Capstone	Manufacturing Directed Study
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Northwest Florida State College College Credit Certificate</b> CNC Machinist/Fabricator (CCC) Computer-Aided Design & Drafting (CCC) Digital Manuf Specialist (CCC) Eng Tech Support Specialist (CCC) Rapid Prototyping Specialist (CCC)		<b>Northwest Florida State College A.S.Degrees</b> Engineering Technology: Advanced Technology Specialization (AT) Option (AS) Digital Design & Modeling Specialization Option (AS) Digital Manufacturing Specialization (DM) Option (AS) Electronics Specialization Option (AS) Mechanical Design & Fabrication Specialization Option (AS)			<b>University of West Florida Bachelor of Science Mechanical Engineering</b>		

CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
		<ul style="list-style-type: none"> <li>• CNC Machinist</li> <li>• CNC Fabricator</li> <li>• Engineering Technician</li> <li>• Mechanical Engineering Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Mechanical Engineer</li> <li>• Electrical Engineer</li> <li>• Robotic Engineer</li> </ul>
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		<b>Statewide Articulation Agreement</b> <b>AutoDesk Inventor Certified User</b> Shall articulate to three (3) college credit hours to the AAS/AS Degree In Engineering Technology.	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT – Students have the opportunity to intern at Fort Walton Machining and American Elite Molding. They also have the opportunity to participate in on-the-job training at GS Gelato.			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Engineering &amp; Technology Education</i></b>				<b>CTE Program:</b> Secondary: <b>Pathways to Engineering (9400300)</b> Postsecondary: <b>State CIP Code 1615000001</b>				
<b>Career Cluster Pathway: <i>Engineering &amp; Technology</i></b>				<b>Industry Certification:</b> Secondary: <b>AutoCAD Certified User, AutoDesk Inventor Certified User (ADESK002, ADESK011)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Introduction to Engineering Design	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Principles of Engineering	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Digital Electronics	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Engineering Design & Development	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>	<b>COMMUNITY COLLEGE PROGRAM(S)</b>				<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Northwest Florida State College College Credit Certificate</b> CNC Machinist/Fabricator Computer-Aided Design & Drafting Digital Manufacturing Specialist Engineering Tech Support Specialist Rapid Prototyping Specialist	<b>Northwest Florida State College</b> Associate in Science in Engineering Technology Advanced Technology Specialization (AT) Option Digital Design & Modeling Specialization Option Digital Manufacturing Specialization (DM) Option Electronics Specialization Option Mechanical Design & Fabrication Specialization Option				<b>University of Florida</b> Bachelor of Science in Aerospace Engineering Bachelor of Science in Electrical Engineering Bachelor of Science in Industrial Systems Engineering Bachelor of Science in Mechanical Engineering		

CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
	<ul style="list-style-type: none"> <li>• Manufacturing Technician</li> <li>• Packaging Technician</li> <li>• Quality Technician</li> <li>• Technical Sales Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Manufacturing Technician</li> <li>• Advanced Repair Technician</li> <li>• Packaging Technician</li> <li>• Quality Technician</li> <li>• Electronics Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Test Engineer</li> <li>• Computer System Analyst</li> <li>• Integration Engineer</li> <li>• Civil Engineer</li> <li>• Biomedical Instrumentation Engineer</li> <li>• Computer-Integrated Manufacturing Engineer</li> <li>• Quality Assurance Engineer</li> </ul>
CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
		<u><b>Statewide Articulation Agreement</b></u>  <b>AutoCAD Certified User</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Drafting and Design Technology and/or Architecture Design & Construction Technology.  <b>Autodesk Certified User – Autodesk Inventor</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Engineering Technology.	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information


<b>Career Cluster: Health Services</b>				<b>CTE Program:</b> Secondary: <i>Allied Health Assisting (8417130)</i> Postsecondary: <i>State CIP Code 1351380100</i>				
<b>Career Cluster Pathway: Health Care Industry</b>				<b>Industry Certification:</b> Secondary: <i>Emergency Medical Responder (IESMR001)</i> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Medical Skills & Services	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Health Science Anatomy & Physiology	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Health Science Foundations	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Allied Health Assisting 3	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Practical Nursing		Northwest Florida State College A.S. Degree Nursing Radiology			Northwest Florida State College Bachelors of Science Nursing		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>			
	<ul style="list-style-type: none"> <li>Licensed Practical Nurse</li> <li>Medical Assistant</li> </ul>	<ul style="list-style-type: none"> <li>Clinical Technician</li> <li>Diagnostic Medical Sonographers</li> <li>Emergency Medical Technician and Paramedic</li> <li>Health Technologist &amp; Technician</li> <li>LPN, RN, CAN</li> </ul>	<ul style="list-style-type: none"> <li>Patient Care Technician</li> <li>Physical Therapist Technician</li> <li>Radiologic Technologist and Technician</li> </ul>	<ul style="list-style-type: none"> <li>Registered Nurse</li> <li>Respiratory Therapy</li> <li>Social Worker</li> <li>Occupational Therapy</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>			
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>	
		<p style="text-align: center;"><b><u>State Articulation Agreement</u></b></p> <p style="text-align: center;">The 1350 clock hour program in Practical Nursing shall articulate ten (10) college credit hours to the AAS/AS Degree in Registered Nursing.</p> <p style="text-align: center;"><b><u>Local Articulation Agreement</u></b></p> <p style="text-align: center;"><b>Northwest Florida State College</b></p> <p style="text-align: center;">Completion of Health Science 1, 2, and 3 (8417100, 8417110, 8417131) shall articulate to three (3) college credit hours for each as a Technical Elective (NGE/OCC) towards the AAS/AS Degree in Health Services Management, Office Administration-Medical Office Admin or toward the Medical Office Management, College Credit Certificate program.</p>		
<b>Career and Technical Student Association</b>				
HOSA-Health Occupation Students of America				
<b>Internship/Work Experience Recommendations</b>				
Work-based learning opportunities: OJT, internship and/or job shadowing				

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information




<b>Career Cluster: <i>Health Sciences</i></b>				<b>CTE Program:</b> Secondary: <i>Biomedical Sciences (8708100)</i> Postsecondary: <i>State CIP Code</i>				
<b>Career Cluster Pathway: <i>Health Care Industry</i></b>				<b>Industry Certification:</b> Secondary: <i>Biotechnician Assistant (CERHB001)</i> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Principles of Biomedical Sciences	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Human Body Systems	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Medical Interventions	Elective/Foreign Language
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Biomedical Innovation	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Northwest Florida State College College Credit Certificate Emergency Medical Technician (CCC) Paramedic (CCC)		Northwest Florida State College Associate in Science Emergency Medical Services (AS)			Florida State University Bachelor of Science Nursing		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Licensed Practical Nurse</li> <li>• Medical Assistant</li> </ul>	<ul style="list-style-type: none"> <li>• Cardiovascular Technologist and Technician</li> <li>• Clinical Technician</li> <li>• Diagnostic Medical Sonographers</li> <li>• Emergency Medical Technician and Paramedic</li> <li>• Health Technologist and Technician</li> <li>• LPN, RN, CAN</li> <li>• Patient Care Technician</li> <li>• Physical Therapist Technician</li> <li>• Radiologic Technologist and Technician</li> <li>• Respiratory Therapist Technician</li> <li>• Surgical Technologist</li> </ul>	<ul style="list-style-type: none"> <li>• Registered Nurse</li> <li>• Respiratory Therapy</li> <li>• Social Worker</li> <li>• Occupational Therapy</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
		<p style="text-align: center;"><b><u>State Articulation Agreement</u></b></p> <p style="text-align: center;">The 1350 clock hour program in Practical Nursing shall articulate ten (10) college credit hours to the AAS/AS Degree in Registered Nursing.</p> <p style="text-align: center;"><b><u>Local Articulation Agreement</u></b></p> <p style="text-align: center;"><b>Northwest Florida State College</b></p> <p style="text-align: center;">Completion of Health Science 1, 2, and 3 (8417100, 8417110, 8417131) shall articulate to three (3) college credit hours for each as a Technical Elective (NGE/OCC) towards the AAS/AS Degree in Health Services Management, Office Administration-Medical Office Admin or toward the Medical Office Management, College Credit Certificate program.</p>	
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Hospitality and Tourism</i></b>				<b>CTE Program:</b> Secondary: <b>Culinary Arts (8800500)</b> Postsecondary: <b>State CIP Code 0420040210</b>				
<b>Career Cluster Pathway: <i>Restaurants and Food/Beverage Services</i></b>				<b>Industry Certification:</b> Secondary: <b>Certified Food Protection Manager (ServSafe) (NRAEF003)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Culinary Arts 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Culinary Arts 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Culinary Arts 3	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Culinary Arts 4	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Commercial Foods and Culinary Arts		The Art Institute of Jacksonville AA – Culinary Arts			Johnson and Wales University <b>Bachelor of Science</b> Baking & Pastry Arts Culinary Arts Culinary Nutrition Culinary Science		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Cook</li> <li>• Dining Room Personnel</li> <li>• Food Preparation Worker</li> <li>• Server</li> </ul>	<ul style="list-style-type: none"> <li>• Catering/Sales Manager</li> <li>• Chef and Head Cook</li> <li>• Food Service Manager</li> <li>• Restaurant Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Culinary Journalism</li> <li>• Food Service Manager</li> <li>• Hospitality Management</li> <li>• Lodging Manager</li> <li>• Meeting &amp; Convention Planner</li> <li>• Restaurant Owner</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
			<b>Professional Food Service Manager</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Culinary Management.
<b>Career and Technical Student Association</b>			
<b>SkillsUSA</b>			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Human Services</i></b>					<b>CTE Program:</b> Secondary: <i>Cosmetology (8905100)</i> Postsecondary: <i>State CIP Code</i>			
<b>Career Cluster Pathway: <i>Cosmetology</i></b>					<b>Industry Certification:</b> Secondary: Postsecondary:			
		<b>16 CORE CURRICULUM CREDITS</b>				<b>8 ADDITIONAL CREDITS</b>		
		<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Groom & Salon /Cos Facials 3	Cosmetology 3
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History	Elective/Foreign Language	Cosmetology 4	Cosmetology 5
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Cosmetology 6	Cosmetology 7
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics	Elective/Foreign Language	Cosmetology 8	Cosmetology 9
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Cosmetology							
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	<ul style="list-style-type: none"> <li>Cosmetologist</li> <li>Barber</li> </ul>		<ul style="list-style-type: none"> <li>Skin Care Specialist/ Estheticians</li> </ul>		<ul style="list-style-type: none"> <li>Manicurist and Pedicurist</li> </ul>		<ul style="list-style-type: none"> <li>Hairdressers and Hair Stylists</li> <li>Nail Technicians</li> </ul>	
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities							
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)		<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)			<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)		
	Students completing the Cosmetology program are prepared for employment as a licensed Hairdressers, Hairstylists, and Cosmetologists (SOC 39-5012). Instruction is designed to qualify students for employment upon successfully obtaining a Cosmetology license.							

Career and Technical Student Association


**SkillsUSA**

Internship/Work Experience Recommendations

Internship and OJT

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information


<b>Career Cluster: <i>Information Technology</i></b>		<b>CTE Program:</b> Secondary: <i>Applied Cybersecurity (9001300)</i> Postsecondary: <i>State CIP Code 1511100307</i>						
<b>Career Cluster Pathway: <i>Cybersecurity</i></b>		<b>Industry Certification:</b> Secondary: <i>MTA Windows Operating Systems Fund, MTA Mobility &amp; Devices Fund, MTA Networking Fund, MTA Security Fund, CompTIA A+, CompTIA Security+, CompTIA Networking+ (MICRO076, MICRO102, MICRO078, MICRO077, COMPT001, COMPT006, COMPT009)</i> Postsecondary:						
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Computer & Network Security Fundamentals	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Cybersecurity Essentials	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Operational Cybersecurity	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Cybersecurity Planning & Analysis	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Applied Cybersecurity		Northwest Florida State College A.S. Degree Information Technology Security			University of West Florida Bachelors of Science Computer Science Computer Information Sciences (both BS-specialization in Cybersecurity) Cybersecurity MSA		

Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)			
<b>CAREER</b>	<ul style="list-style-type: none"> <li>• Computer Support Specialist</li> <li>• Cybersecurity Associate</li> <li>• Info Security Manager/Admin</li> <li>• Data Security Specialist</li> <li>• Software Security Specialist</li> <li>• Web Security Specialist</li> </ul>	<ul style="list-style-type: none"> <li>• Network Security Professional</li> <li>• Computer Forensics Investigator</li> <li>• Computer/Network Security Specialist</li> <li>• Computer Systems Administrator</li> <li>• Network Administrator</li> <li>• Network Analyst</li> </ul>	
		<ul style="list-style-type: none"> <li>• Computer Forensics Investigator</li> <li>• Computer Hardware Engineer</li> <li>• Computer/Network Security Specialist</li> <li>• Computer Systems Analyst</li> <li>• Information Security Analyst</li> <li>• Network and Computer Systems Admin</li> <li>• Intelligence Analyst</li> <li>• Network Analyst</li> <li>• Security Manager Specialist</li> </ul>	
Articulation and CTE Dual Enrollment Opportunities			
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)	<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)	<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements may be included here)
<b>CREDIT</b>	450 clock hours for courses with competencies corresponding to OCP A, preparing students for careers in cybersecurity  <u>Local Articulation Agreement</u> <b>Northwest Florida State College</b> Database and E-Commerce Security (CCC) Digital Forensics (CCC) LINUX System Administrator (CCC) Network Security (CCC) Network Server Administration (CCC).	<p style="text-align: center;"><b><u>State Articulation Agreement</u></b></p> <p style="text-align: center;"><b>CompTIA A+</b></p> <p style="text-align: center;">shall articulate to six (6) college credit hours towards the AAS/AS Degree in Computer Engineering or three (3) college credits towards the AAS/AS Degree in Computer Information Technology.</p> <p style="text-align: center;"><b>CompTIA Network+</b></p> <p style="text-align: center;">shall articulate to three (3) college credit hours towards the AAS/AS Degree in Computer Engineering Technology and to three (3) college credit hours towards the AAS/AS Degree in Network Services Technology.</p> <p style="text-align: center;"><b>CompTIA Security+</b></p> <p style="text-align: center;">shall articulate to three (3) college credit hours towards the AAS/AS Degree in Computer Information Technology and to three (3) college credit hours towards the AAS/AS Degree in Network Services Technology.</p>	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Work-based learning opportunities: OJT, internship and/or job shadowing			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information




<b>Career Cluster: <i>Information Technology</i></b>				<b>CTE Program:</b> Secondary: <b><i>Web Application Development &amp; Programming (9007500)</i></b> Postsecondary: <b><i>State CIP Code 1511020101</i></b>				
<b>Career Cluster Pathway: <i>Computer Programming and Analysis</i></b>				<b>Industry Certification:</b> Secondary: <b><i>Microsoft Office Bundle (MICRO069), CIW Site Development Assoc (PROSO020), CIW Advanced HTML5 and CSS3 Specialist (PROSO027), CIW JavaScript Specialist (PROSO017)</i></b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Digital Info Technology	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Web Programming	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	JavaScript Programming	AP Computer Science
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		PHP Programming	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Northwest Florida State College</b>  <b><i>College Credit Certificate</i></b> Computer Programmer Computer Programming Specialist		<b>Northwest Florida State College</b>  <b>A.S. Degree</b> Computer Programming and Analysis			<b>Florida State University</b> <b>Bachelors of Art</b> Computer Programming and Applications		

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• Junior Web Master</li> <li>• Assistant Web Designer</li> <li>• Web Application Developer</li> <li>• Web Master</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Programmer</li> <li>• Web Developer</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Programmer</li> <li>• Computer Systems Analyst</li> <li>• Computer Software Engineer</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
	<p style="text-align: center;"><u><b>Local Articulation Agreement</b></u></p> <p style="text-align: center;"><b>Northwest Florida State College</b> Computer Programmer (CCC) Computer Programming Specialist (CCC)</p>	<p style="text-align: center;"><u><b>Statewide Articulation Agreement</b></u></p> <p style="text-align: center;"><b>CIW Advanced HTML5 and CSS3 Specialist</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Computer Information Technology or Computer Programming and Analysis.</p> <p style="text-align: center;"><b>CIW JavaScript Specialist</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Computer Programming and Analysis.</p>	<p style="text-align: center;"><u><b>Statewide Articulation Agreement</b></u></p> <p style="text-align: center;"><b>CIW Advanced HTML5 and CSS3 Specialist</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Computer Information Technology or Computer Programming and Analysis.</p> <p style="text-align: center;"><b>CIW JavaScript Specialist</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Computer Programming and Analysis.</p>
<b>Career and Technical Student Association</b>			
SkillsUSA			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT – Students have the opportunity to intern with our business partners and advisory boards to provide internships or work experience as appropriate for this program of study.			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: Law, Public Safety, Corrections &amp; Security</b>				<b>CTE Program:</b> Secondary: <i>Criminal Justice Operations (8918000)</i> Postsecondary: <i>State CIP Code 0743999910</i>			
<b>Career Cluster Pathway: Law Enforcement Services</b>				<b>Industry Certification:</b> Secondary: Postsecondary:			
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>	
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>						
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Criminal Justice 1 Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Criminal Justice 2 Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Criminal Justice 3 Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.						
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>	
	George Stone Technical College Correctional Officer		Northwest Florida State College <b>Associate in Science</b> Criminal Justice Technology (AS) <b>Vocational Certificate</b> Auxiliary Law Enforcement Officer Basic (PSAV) Correctional Officer (Basic) (PSAV) Law Enforcement Officer (Basic) (PSAV)			University of West Florida Bachelor of Arts in Criminal Justice	

<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>		
	<ul style="list-style-type: none"> <li>• 911 Emergency Dispatcher</li> <li>• Bailiff</li> <li>• Forensic Investigations Specialist</li> <li>• Forensic Material Specialist</li> <li>• Forensic Photography Assistant</li> <li>• Public Service Aide</li> <li>• Security Guard</li> </ul>	<ul style="list-style-type: none"> <li>• Criminal Justice Supervisors/Managers (TOL)</li> <li>• Crime Scene Technologist</li> <li>• Crime Scene Photographer</li> <li>• Fingerprint Examiner and Classification Specialist</li> <li>• Crime Lab Assistant Police Administrator</li> </ul>	<ul style="list-style-type: none"> <li>• Attorney</li> <li>• Criminal Investigator &amp; Special Agent</li> <li>• Federal Marshal</li> <li>• Game Enforcement Officer</li> <li>• Immigration and Customs Inspector</li> <li>• Police Officer</li> <li>• Deputy Sheriff</li> </ul>
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
<b>Career and Technical Student Association</b>			
SkillsUSA, Florida Public Service Association			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>


[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Marketing, Sales &amp; Service</i></b>				<b>CTE Program:</b> Secondary: <b>Entrepreneurship (8812100)</b> Postsecondary: <b>State CIP Code 0252070102</b>				
<b>Career Cluster Pathway: Management and Entrepreneurship</b>				<b>Industry Certification:</b> Secondary: <b>Microsoft Office Specialist Master, Quickbooks Certified User (MICRO017, INTUT001)</b> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Digital Information Technology	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Principles of Entrepreneurship	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Business Management and Law	Other elective course appropriate for student's career and education plan.
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Business Ownership	Other elective course appropriate for student's career and education plan.
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
			<b>Northwest Florida State College</b> Associate in Science in Business Management			<b>University of Central Florida</b> Bachelor of Science in Supervision & Administration		

<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)		
	<ul style="list-style-type: none"> <li>• Retail Salesperson</li> <li>• Marketing Manager</li> <li>• General and Operations Managers</li> </ul>	<ul style="list-style-type: none"> <li>• Sales Representatives</li> <li>• Travel/Tourism</li> <li>• Property, Real Estate, and Community Association Managers</li> </ul>	<ul style="list-style-type: none"> <li>• Public Relations Management</li> <li>• Hospitality Marketing</li> <li>• Business Owner</li> </ul>
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities		
	<b>Secondary to Technical Center (PSAV)</b> <small>(Minimum # of clock hours awarded)</small>	<b>Secondary to College Credit Certificate or Degree</b> <small>(Minimum # of clock or credit hours awarded)</small>	<b>PSAV/PSV to AAS or AS/BS/BAS</b> <small>(Statewide and other local agreements may be included here)</small>
		<p><b><u>Statewide Articulation Agreement</u></b></p> <p><b>Microsoft Office Master</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Office Administration</p> <p><b>QuickBooks Certified User</b> shall articulate to three (3) college credit hours to the AAS/AS Degree in Accounting Technology.</p>	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information


<b>Career Cluster: <i>Manufacturing</i></b>				<b>CTE Program:</b> Secondary: <i>Advanced Manufacturing Technology (9200200)</i> Postsecondary: <i>State CIP Code 161500001</i>				
<b>Career Cluster Pathway: <i>Manufacturing Production Process</i></b>				<b>Industry Certification:</b> Secondary: <i>Certified SolidWorks Associate (CSWA) (SOLID001) &amp; MSSC Certified Production Technician (CPT) (MSSCN001)</i> Postsecondary: <i>MSSC Certified Production Technician (CPT) (MSSCN001)</i>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Advanced Manufacturing Technology 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Advanced Manufacturing Technology 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Advanced Manufacturing Technology 3	Advanced Manufacturing Technology Capstone
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Advanced Manufacturing Technology 4	Manufacturing Directed Study
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
			<b>Northwest Florida State College</b> AS – Engineering Technology – Mechanical Design & Fabrication Specialization Option			<b>University of West Florida</b> Bachelor of Science Mechanical Engineering		
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
			<ul style="list-style-type: none"> <li>CNC Machinist</li> <li>CNC Fabricator</li> <li>Engineering Technician</li> <li>Mechanical Engineering Technician</li> </ul>			<ul style="list-style-type: none"> <li>Mechanical Engineer</li> </ul>		

CREDIT	Articulation and CTE Dual Enrollment Opportunities		
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
		<p align="center"><b><u>Northwest Florida State College</u></b>  <b><u>Statewide Articulation Agreement</u></b>  <b>MSSC-Certified Production Technician</b>            Shall articulate to 15 college credit hours to the AAS/AS Degree            In Engineering Technology. (This is the primary articulation mechanism            between Okaloosa and NWFSC for this program of study.)</p>	<p align="center"><b>Northwest Florida State College</b>            Students who successfully complete the CNC            Machinist/Fabricator (CCC) program may be            eligible to receive 12 credits towards the            Engineering Technology (AS) degree</p>
<b>Career and Technical Student Association</b>			
SkillsUSA			
<b>Internship/Work Experience Recommendations</b>			
Internship and OJT – Students have the opportunity to intern at Fort Walton Machining and American Elite Molding. They also have the opportunity to participate in on-the-job training at GS Gelato.			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information




<b>Career Cluster: <i>Manufacturing</i></b>				<b>CTE Program:</b> Secondary: <i>Welding Technology Fundamentals (9204400)</i> Postsecondary: <i>State CIP Code 1615000001</i>				
<b>Career Cluster Pathway: <i>Maintenance, Installation &amp; Repair</i></b>				<b>Industry Certification:</b> Secondary: <i>NCCER Welding – Level 1 (NCCER061)</i> Postsecondary:				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Welding Tech Fund 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Welding Tech Fund 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Welding Tech Fund 3	Elective/Foreign Language
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Welding Tech Fund 4	Welding Tech Fund Capstone
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College Applied Welding Technology		Northwest Florida State College Welding Technology (PSAV) Welding Technology - Advanced (PSAV)			Bachelor of Science Welding Engineering (BS) FAMU Mechanical Engineering (BS) UF Materials Science & Engineering (BS) Industrial Engineering Technology (BS)		
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	<ul style="list-style-type: none"> <li>Welder</li> <li>Cutter</li> <li>Solderer</li> <li>Brazer</li> <li>Helpers – Production Workers</li> </ul>		<ul style="list-style-type: none"> <li>Welders</li> <li>General and Operations Managers</li> <li>Electrical and Electronic Technicians and Technologists</li> <li>Engineering and Related Technicians and Technologists</li> <li>Engineering Technicians</li> <li>Manufacturing Technicians</li> </ul>			<ul style="list-style-type: none"> <li>First Line Supervisor of Personal Services</li> <li>Workers</li> <li>Welding Supervisor, Inspector, Instructor, Engineer</li> <li>Mechanical Engineer</li> </ul>		

Articulation and CTE Dual Enrollment Opportunities			
CREDIT	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
		Students who successfully complete this certificate may be eligible to receive credits towards the Industrial Management Technology (AS) degree.	
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT			

Program of Study Graduation Requirements: <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information

<b>Career Cluster: <i>Transportation, Distribution &amp; Logistics</i></b>				<b>CTE Program:</b> Secondary: <i>Automotive Maintenance &amp; Light Repair (9504100)</i> Postsecondary: <i>State CIP Code 647060405</i>				
<b>Career Cluster Pathway: Facility &amp; Mobile Equipment Maintenance</b>				<b>Industry Certification:</b> Secondary: <i>Florida Automobile Dealers Assoc (FLADA001), Automotive Service Excellence Certifications (NIASE002, NIASE005, NIASE007, NIASE008, NIASE009, NIASE010, NIASE011, NIASE012, NIASE014)</i> Postsecondary: <i>Automotive Service Excellence Certifications (NIASE002, NIASE005, NIASE007, NIASE008, NIASE009, NIASE010, NIASE011, NIASE012, NIASE014)</i>				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> <small>(ALIGNED WITH COMMUNITY COLLEGE &amp; STATE UNIVERSITY SYSTEM PROGRAMS)</small>	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to begin planning for careers and postsecondary options by exploring resources at <a href="http://mycareershines.org">mycareershines.org</a></li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I	Algebra I	Earth, Space Science	Elective	Pers Fit (.5 cr) & Ph Ed (.5 cr)	Auto Maint & Light Repair 1	Elective/Foreign Language
	<b>10<sup>th</sup></b>	English II	Geometry	Biology	American History		Auto Maint & Light Repair 2	Elective/Foreign Language
	<b>11<sup>th</sup></b>	English III	Algebra II	Chemistry	World History	Practical Arts or Fine Arts course (1 credit)	Auto Maint & Light Repair 3	Auto Maint & Light Repair 4
	<b>12<sup>th</sup></b>	English IV	Statistics	Physics	Am Govt/ Economics		Auto Maint & Light Repair 5	Auto Maint & Light Repair 6
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Okaloosa Technical College		Florida State College AS – Automotive Service Management Technology					
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
	<ul style="list-style-type: none"> <li>Automotive Service Technician and Mechanic</li> <li>Heavy Duty Equipment Tech</li> <li>Transportation Supervisor</li> </ul>		<ul style="list-style-type: none"> <li>Assistant Service Manager</li> <li>Service/Parts Manager</li> <li>Service Writer</li> </ul>			<ul style="list-style-type: none"> <li>Auto Service Owner/Manager</li> </ul>		

Articulation and CTE Dual Enrollment Opportunities			
CREDIT	Secondary to Technical Center (PSAV) <small>(Minimum # of clock hours awarded)</small>	Secondary to College Credit Certificate or Degree <small>(Minimum # of clock or credit hours awarded)</small>	PSAV/PSV to AAS or AS/BS/BAS <small>(Statewide and other local agreements may be included here)</small>
		<b>Okaloosa Technical College</b> Awards one hundred and fifty (150) clock hours upon completion of Automotive Maintenance and Light Repair 1, 2, 3, 4 as follows: AER00014 Automobile Services Assistor.	<b>Okaloosa Technical College</b> Successful completion of ASE certification exams shall articulate to up to nineteen (19) college credit hours to the AAS/AA degree in Automotive Service Management Technology.
Career and Technical Student Association			
SkillsUSA			
Internship/Work Experience Recommendations			
Internship and OJT – Students have the opportunity to intern with our business partners and advisory boards to provide internships or work experience as appropriate for this program of study.			

**Program of Study Graduation Requirements:** <http://www.fldoe.org/academics/graduation-requirements>

[MyCareerShines](#) – Career and Educational Exploration and Information

C T E

*Enrollment*



**Okaloosa School District**  
**Career & Technical Education Seat Comparison**  
**by Fiscal Year**



MIDDLE SCHOOLS	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
<b>BAKER</b>											
CONSTRUCTION											62
IT (originally in HS #'s)								30	79	70	207
STEMM									65	64	21
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>144</b>	<b>134</b>	<b>290</b>
<b>BRUNER</b>											
IT			47	41	49	135	98	89	96	122	108
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>41</b>	<b>49</b>	<b>135</b>	<b>98</b>	<b>89</b>	<b>96</b>	<b>122</b>	<b>108</b>
<b>DAVIDSON</b>											
IT	44			46	59	58	54	88	135	140	125
STEMM							24	26	35	114	105
HEALTH OCCUPATION											17
<b>TOTALS</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>59</b>	<b>58</b>	<b>78</b>	<b>114</b>	<b>170</b>	<b>254</b>	<b>230</b>
<b>DESTIN</b>											
IT	26	117	141	104	126	78	59		95	88	71
STEMM											50
<b>TOTALS</b>	<b>26</b>	<b>117</b>	<b>141</b>	<b>104</b>	<b>126</b>	<b>78</b>	<b>59</b>	<b>64</b>	<b>95</b>	<b>88</b>	<b>121</b>
<b>LEWIS</b>											
IT		38			27	54	33	47	84	76	75
<b>TOTALS</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>54</b>	<b>33</b>	<b>47</b>	<b>84</b>	<b>76</b>	<b>75</b>
<b>MEIGS</b>											
IT				48	76	72	71	76	161	165	172
STEMM							41	49	50	34	48
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>48</b>	<b>76</b>	<b>72</b>	<b>112</b>	<b>125</b>	<b>211</b>	<b>199</b>	<b>220</b>
<b>PRYOR</b>											
IT	97	89	217	76	59	85	71	43	158	112	137
AVIATION / STEMM		60	60	95	52	28	31		160	121	89
MANUFACTURING											25
<b>TOTALS</b>	<b>97</b>	<b>149</b>	<b>277</b>	<b>171</b>	<b>111</b>	<b>113</b>	<b>102</b>	<b>43</b>	<b>318</b>	<b>233</b>	<b>251</b>
<b>RUCKEL</b>											
IT	255	292	344	263	285	314	305	319	258	240	227
STEMM/ROBOTICS								23	77	108	137
<b>TOTALS</b>	<b>255</b>	<b>292</b>	<b>344</b>	<b>263</b>	<b>285</b>	<b>314</b>	<b>305</b>	<b>342</b>	<b>335</b>	<b>348</b>	<b>364</b>
<b>SHOAL RIVER MS (previously Richbourg MS)</b>											
CARPENTRY	81	103	104	70	115	107	107	107	73	96	
CULINARY	38	47	96	110	125	116	125	132	123	119	134
IT	70	129	61	57	124	126	184	171	156	97	119
AVIATION/STEMM/ROBOTICS	22	22	25				18	20	85	92	110
MANUFACTURING											24
<b>TOTALS</b>	<b>211</b>	<b>301</b>	<b>286</b>	<b>237</b>	<b>364</b>	<b>349</b>	<b>434</b>	<b>430</b>	<b>437</b>	<b>404</b>	<b>387</b>
<b>LAUREL HILL MS</b>											
IT								17	52	50	60
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>52</b>	<b>50</b>	<b>60</b>
<b>TOTAL MS SEATS</b>	<b>633</b>	<b>897</b>	<b>1,095</b>	<b>910</b>	<b>1,097</b>	<b>1,173</b>	<b>1,221</b>	<b>1,301</b>	<b>1,942</b>	<b>1,908</b>	<b>2,106</b>



**Okaloosa School District Career & Technical Education Seat Comparison  
by Fiscal Year**



HIGH SCHOOLS	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
<b>BAKER</b>														
Construction						53	67	70	75	72		82	42	
Culinary								143	135	106	106	95	154	141
Early Childhood						28	26	50	42	35	31	41	23	26
IT				79	149	176	110	96	103	82	181	160	124	110
Welding											64	59	48	68
<b>TOTALS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>79</b>	<b>149</b>	<b>257</b>	<b>203</b>	<b>359</b>	<b>355</b>	<b>295</b>	<b>382</b>	<b>437</b>	<b>391</b>	<b>345</b>
<b>CHOCTAW</b>														
Aerospace	159	89	158	183	229	188	147	104	98	64	84	119	95	96
Culinary					125	124	122	144	151					
Engineering		137	92	96	56	102	62	76	77	94	63	28	100	115
IT					254	319	291	293	285	258	246	294	261	258
<b>TOTALS</b>	<b>159</b>	<b>226</b>	<b>250</b>	<b>279</b>	<b>664</b>	<b>733</b>	<b>622</b>	<b>617</b>	<b>611</b>	<b>416</b>	<b>393</b>	<b>441</b>	<b>456</b>	<b>469</b>
<b>CHOICE HS</b>														
Automotive	161	161	146	127	191	201	152	138	112	130	83	65	47	54
Carpentry CTI	453	379	285	118	84	91	151	116	166	108	31	16	11	12
Cosmetology								152	116	111	60	94	54	90
Culinary				153	187	180	187	134	123	153	60	48	18	27
IT (incl AMAT)	9	58	138	114	130	128	230	211	182	151	68	67	16	21
Manufacturing (move NHS 2017)												30	-	
HVAC														3
Veteranarian Tech								135	121					
Welding										98	57	49	34	45
<b>TOTALS</b>	<b>623</b>	<b>598</b>	<b>569</b>	<b>512</b>	<b>592</b>	<b>600</b>	<b>720</b>	<b>886</b>	<b>820</b>	<b>751</b>	<b>359</b>	<b>369</b>	<b>180</b>	<b>252</b>
<b>CRESTVIEW HS</b>														
Aerospace		64	202	138	131	140	58	79	78	21	25	35	19	27
Allied Health					157	148		162	145	142	111	143	216	275
Automotive	89	147	186	176	137	185	137	122	129	83	90	63	108	144
Cosmetology											123	152	216	219
Culinary				144	143	171	156	174	178	118	196	139	138	159
Criminal Justice					134	155	123	173	100	99	135	111	112	113
ALL CTI	120	393	467	527	463	460	201	247	240	212	75	101	103	136
Engineering							138	128	136	93	83	105	114	125
IT			212	487	513	372	477	332	338	370	434	527	494	573
Welding											125	116	102	137
<b>TOTALS</b>	<b>209</b>	<b>604</b>	<b>1,067</b>	<b>1,472</b>	<b>1,678</b>	<b>1,631</b>	<b>1,290</b>	<b>1,417</b>	<b>1,344</b>	<b>1,138</b>	<b>1,397</b>	<b>1,492</b>	<b>1,622</b>	<b>1,908</b>
<b>FT WALTON BEACH HS</b>														
Aviation							30							
Bio-Med							38	72	52	107	128	123	180	165
Eng/Drafting Incl PLTW						88	121	124	124	114	86	94	62	127
IT					160	267	274	242	264	209	240	309	299	381
<b>TOTALS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>160</b>	<b>355</b>	<b>433</b>	<b>438</b>	<b>440</b>	<b>430</b>	<b>454</b>	<b>526</b>	<b>541</b>	<b>673</b>
<b>LAUREL HILL HS</b>														
Welding/Utilities/Construction		32	27	23	38	36	26	16	17	8	10	6	6	
IT					27	39	43	41	67	69	74	36	30	37
<b>TOTALS</b>	<b>-</b>	<b>32</b>	<b>27</b>	<b>23</b>	<b>65</b>	<b>75</b>	<b>69</b>	<b>57</b>	<b>84</b>	<b>77</b>	<b>84</b>	<b>42</b>	<b>36</b>	<b>37</b>
<b>NICEVILLE HS</b>														
Aviation					44	62	67							
Culinary					83	82	110	131	125	131	136	144	265	251
IT	638	669	674	692	800	816	733	870	779	781	905	811	568	761
Manufacturing**													108	131
<b>TOTALS</b>	<b>638</b>	<b>669</b>	<b>674</b>	<b>692</b>	<b>927</b>	<b>960</b>	<b>910</b>	<b>1,001</b>	<b>904</b>	<b>912</b>	<b>1,041</b>	<b>955</b>	<b>941</b>	<b>1,143</b>
<b>TOTAL HS SEATS</b>	<b>1,629</b>	<b>2,129</b>	<b>2,587</b>	<b>3,057</b>	<b>4,235</b>	<b>4,611</b>	<b>4,247</b>	<b>4,775</b>	<b>4,558</b>	<b>4,019</b>	<b>4,110</b>	<b>4,262</b>	<b>4,167</b>	<b>4,827</b>
<b>TOTAL MS SEATS</b>				<b>633</b>	<b>897</b>	<b>1,095</b>	<b>910</b>	<b>1,097</b>	<b>1,173</b>	<b>1,221</b>	<b>1,301</b>	<b>1,942</b>	<b>1,908</b>	<b>2,106</b>
<b>TOTAL HS/MS</b>	<b>1,629</b>	<b>2,129</b>	<b>2,587</b>	<b>3,690</b>	<b>5,132</b>	<b>5,706</b>	<b>5,157</b>	<b>5,872</b>	<b>5,731</b>	<b>5,240</b>	<b>5,411</b>	<b>6,204</b>	<b>6,075</b>	<b>6,933</b>

Mfg\*\*  
 Choctaw 45  
 CVHS 29  
 FWBHS 9  
 NHS 48



# Career and Technical Education Advisory Committee

OKALOOSA COUNTY SCHOOL DISTRICT

CTE WORKS!

## 2017-2018 CTE Program Enrollment

2017-2018 CTE Enrollment - All Courses 2/25/2018			
School	CTE Enrollment	Relevant School Enrollment	%age Enrolled in CTE Courses
Baker School (6-12)	635	937	68%
Choctawhatchee HS	418	1,586	26%
CHOICE HS	84	113	74%
Crestview HS	1,879	1,909	98%
Fort Walton Beach HS	682	1,638	42%
Laurel Hill School (6-12)	121	227	53%
Niceville HS	1,018	2,038	50%
Bruner MS	108	791	14%
Davidson MS	230	1,039	22%
Destin MS	121	750	16%
Lewis School	75	323	23%
Meigs MS	220	538	41%
Pryor MS	251	650	39%
Ruckel MS	364	1,128	32%
Shoal River MS	387	844	46%
STEM Academy	122	229	53%
<b>Total MS</b>	<b>1,878</b>	<b>6,292</b>	<b>30%</b>
<b>Total HS</b>	<b>4,814</b>	<b>8,448</b>	<b>57%</b>
<b>Total</b>	<b>6,692 *</b>	<b>14,740</b>	<b>45%*</b>

\* This number represents the total number of seats occupied, not the total number of students. Students often time take multiple courses in one or more programs.



## Baker School (0041)

Course	Course #	Enrollment 2/23/2018
Exploring IT Careers (ms)	9009350	51
Exploring Technology (ms)	8600020	55
Orientation to Career Clusters (ms)	8000400	
		<b>106</b>
Digital Information Technology (hs)	8207310	47
Digital Information Technology (ms)	8207310A	39
Computer Fundamentals	9003410	1
		<b>87</b>
Foundations of Web/Web 1 (hs)	9001110	24
Foundations of Web/Web 1 (ms)	9001110A	8
User Interface Design/Web 2	9001120	16
		<b>48</b>
Television Production 2	8772120	1
Digital Video Production 1	8772410	16
Digital Video Production 2	8772420	4
Digital Video Production 3	8772430	1
Digital Media Fund	9005110	
		<b>22</b>
Introduction to Arts, A/V Tech (ms)	8209350	27
Fundamentals of A/V, Print Tech (ms)	8260300	27
		<b>54</b>
Foundations of Robotics	9410110	13
Robotic Design Essentials	9410120	5
Robotic Systems	9410130	3
		<b>21</b>
Early Childhood 1 New	8405110	17
Early Childhood 2 New	8405120	3
Early Childhood 3	8503213	3
Early Childhood 4 New	8405140	3
		<b>26</b>
Fundamentals of Culinary Careers (ms)	8809200	52
Culinary Arts 1	8800510	57
Culinary Arts 2	8800520	13
Culinary Arts 3	8800530	13
Culinary Arts 4	8800540	6
		<b>141</b>
Welding Tech Fundamentals 1	9204410	31
Welding Tech Fundamentals 2	9204420	18
Welding Tech Fundamentals 3	9204430	9

## Baker School (0041)

Course	Course #	Enrollment 2/23/2018
Welding Tech Fundamentals 4	9204440	7
Welding Tech 5	8754550	1
Welding Tech 6	8754560	1
Welding Tech 7	8754570	1
Welding Tech 8	8754580	
		<b>68</b>
Fundamentals of Arch & Const (ms)	8130300	31
Introduction to Architecture & Const. (ms)	8109350	31
		<b>62</b>
Total in all programs		<b>635</b>

<b>6-12 School Enrollment-2/25/2018</b>	<b>937</b>
<b>Students Enrolled in CTE Courses</b>	<b>635</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>68%</b>

## Choctawhatchee High School (0581)

Course	Course #	Enrollment 2/25/2018
Digital Information Technology	8207310	223
		<b>223</b>
Digital Design 1	8209510	
Digital Design 2	8209520	
		<b>0</b>
Foundations of Web/Web 1	9001110	18
User Interface Design/Web 2	9001120	17
		<b>35</b>
Technology Studies 1	8600510	44
Principles of Engineering	8600520	22
Intro to Engineering Design	8600550	49
Aerospace Engineering	8600620	
		<b>115</b>
Advanced Manufacturing Technology 1	9200210	12
Advanced Manufacturing Technology 2	9200220	12
Automation & Production Tech 3	9200130	3
Automation & Production Tech 4	9200140	3
Practical General Arts	8300320	12
Blueprint for Professional Success	8500375	3
		<b>45</b>
Total in All Programs		<b>418</b>
AP Comp Science Principles*	200335	25
<i>*Not a CTE course-not counted in total</i>		<b>25</b>

<b>School Enrollment-2/25/2018</b>	<b>1,586</b>
<b>Students Enrolled in CTE Courses</b>	<b>418</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>26%</b>

## CHOICE High School (701)

Course	Course #	Enrollment 2/25/2018
Carpentry 1	8104510	4
Carpentry 2	8104520	4
Carpentry 3	8104530	4
A/C, Refrigeration & Heat Tech 1	8713010	1
A/C, Refrigeration & Heat Tech 2	8713020	1
A/C, Refrigeration & Heat Tech 3	8713030	1
Television Production 1	8772110	6
Television Production 2	8772120	6
Television Production 3	8772130	6
Television Production 4	8772140	1
Television Production 5	8772150	1
Television Production 6	8772160	1
Culinary Arts 1	8800510	8
Culinary Arts 2	8800520	8
Culinary Arts 3	8800530	8
Culinary Arts 4	8800540	1
Culinary & Hospitality 1	8800610	2
Cosmetology 1	8757210	5
Cosmetology 2	8905120	6
Cosmetology 3	8905130	6
Cosmetology 4	8905140	23
Cosmetology 5	8905150	22
Cosmetology 6	8905160	22
Cosmetology 7	8905170	2
Cosmetology 8	8905180	2
Cosmetology 9	8905190	2
Welding Tech Funds 1	9204410	11
Welding Tech Funds 2	9204420	11
Welding Tech Funds 3	9204430	11
Welding Tech Funds 4	9204440	4
Welding Tech Funds Capstone	9204450	4
Manufacturing Directed Study	9201000	4
Auto Maint & Light Repair 1	9504110	15
Auto Maint & Light Repair 2	9504120	15
Auto Maint & Light Repair 3	9504130	15
Auto Maint & Light Repair 4	9504140	3
Auto Maint & Light Repair 5	9504150	3
Auto Maint & Light Repair 6	9504160	3
<b>Total All Programs (3 Periods Per Day)</b>		<b>252</b>
<b>Each student takes a block of 3 courses per day</b>		<b>252/3</b>
<b>Total # of individual high school students enrolled</b>		<b>84</b>

## Crestview High School (0601)

Course	Course #	Enrollment 2/25/2018
Computer Fundamentals	9003410	52
Digital Information Technology	8207310	49
		<b>101</b>
<hr/>		
iLearn	8300330	31
		<b>31</b>
<hr/>		
Digital Design 1	8209510	126
Digital Design 2	8209520	39
Digital Design 3	8209530	12
Digital Design 4	8209540	3
		<b>180</b>
<hr/>		
Comp & Net Security	9001320	55
Networking 2	8207030	15
Networking 3	8207040	7
Networking 4	8207050	1
Networking 5	7809910	1
		<b>79</b>
<hr/>		
Foundations of Robotics	9410110	27
Robotic Design Essentials	9410120	14
Robotic Systems	9410130	2
		<b>43</b>
<hr/>		
Foundations of Web/Web 1	9001110	51
User Interface Design/Web 2	9001120	37
		<b>88</b>
<hr/>		
Business Directed Study	8200100	5
		<b>5</b>
<hr/>		
Principles of Entrepreneurship	8812110	23
		<b>23</b>
<hr/>		
<b>Total all IT programs</b>		<b>573</b>
<hr/>		

## Crestview High School (0601)

Course	Course #	Enrollment 2/25/2018
Electricity 1	8727210	72
Electricity 2	8727220	21
Electricity 3	8727230	22
Electricity 4	8727240	12
Electricity 5	8727250	8
Electricity 6	8727260	1
Electricity 7	8727270	
Electricity 8	8727280	
		<b>136</b>
Technology Studies 1	8600510	19
Intro to Engineering Design	8600550	54
Principles of Engineering	8600520	19
Digital Electronics	8600530	11
Engineering Design and Dev	8600650	14
Advanced Tech Apps	8601900	8
		<b>125</b>
Medical Skills and Services	8400320	124
Health Science 1	8417100	86
Health Science 2	8417110	50
Allied Health Assisting 3	8417131	15
		<b>275</b>
Culinary Arts 1	8800510	90
Culinary Arts 2	8800520	47
Culinary Arts 3	8800530	10
Culinary Arts 4	8800540	12
		<b>159</b>
Cosmetology 1	8757210	
Cosmetology 2	8905120	101
Cosmetology 3	8905130	
Cosmetology 4	8905140	38
Cosmetology 5	8905150	40
Cosmetology 6	8905160	18
Cosmetology 7	8905170	16
Cosmetology 8	8905180	3
Cosmetology 9	8905190	3
		<b>219</b>
Criminal Justice Operations 1	8918010	61
Criminal Justice Operations 2	8918020	35
Criminal Justice Operations 3	8918030	17
Criminal Justice Operations 4	8918040	
		<b>113</b>

## Crestview High School (0601)

Course	Course #	Enrollment 2/25/2018
Welding Tech Fundamentals 1	9204410	63
Welding Tech Fundamentals 2	9204420	28
Welding Tech Fundamentals 3	9204430	26
Welding Tech Fundamentals 4	9204440	4
Welding Tech Fundamentals Cap	9204450	5
Manufacturing Directed Study	9201000	11
		<b>137</b>
Auto Maint & Light Repair 1	9504110	73
Auto Maint & Light Repair 2	9504120	27
Auto Maint & Light Repair 3	9504130	22
Auto Maint & Light Repair 4	9504140	14
Auto Maint & Light Repair 5	9504150	6
Auto Maint & Light Repair 6	9504160	2
		<b>144</b>
Advanced Manufacturing Technology 1	9200210	6
Advanced Manufacturing Technology 2	9200220	6
Automation & Production Tech 3	9200130	4
Automation & Production Tech 4	9200140	4
Practical General Arts	8300320	5
Blueprint for Professional Success	8500375	4
		<b>29</b>
<b>Total in all programs</b>		<b>1,856</b>
AP Computer Science*	0200320	23
<i>*Not a CTE course-not counted in total</i>		<b>23</b>

<b>School Enrollment-2/25/2018</b>	<b>1,909</b>
<b>Students Enrolled in CTE Courses</b>	<b>1,856</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>97%</b>

## Fort Walton Beach High School (0641)

Course	Course #	Enrollment 2/25/2018
Computer Fundamentals	9003410	39
Digital Information Technology	8207310	54
		<b>93</b>
<hr/>		
iLearn: Gateway to Your Future	8300330	18
		<b>18</b>
<hr/>		
Digital Design 1	8209510	77
Digital Design 2	8209520	27
Digital Design 3	8209530	2
		<b>106</b>
<hr/>		
Digital Video Production 1	8772410	44
Digital Video Production 2	8772420	1
Digital Video Production 3	8772430	1
Digital Media Prod Systems	9005120	10
Digital Media Delivery	9005130	6
Advance Digital Media Systems	9005140	5
		<b>67</b>
<hr/>		
Foundations of Web Design/Web 1	9001110	22
User Interface Design/Web 2	9001120	22
		<b>44</b>
<hr/>		
Digital Photography 1	8201310	53
		<b>53</b>
<hr/>		
Drafting 1	8725010	42
Drafting 2	8725020	12
Drafting 3	8725030	9
Drafting 4	8725040	4
Adv Tech Applications	8601900	
		<b>67</b>
<hr/>		
Intro to Engineering Design	8600550	60
Engineering Tech 1	8600570	
		<b>60</b>
<hr/>		
Princ of Biomed Sciences	8708110	52
Human Body Systems	8708120	58
Medical Interventions	8708130	25
Biomedical Innovation	8708140	30
		<b>165</b>
<hr/>		



## Fort Walton Beach High School (0641)

Course	Course #	Enrollment 2/25/2018
<b>Advanced Manufacturing</b>		
Advanced Manufacturing Technology 1	9200210	3
Advanced Manufacturing Technology 2	9200220	3
Automation & Production Tech 3	9200130	
Automation & Production Tech 4	9200140	
Practical General Arts	8300320	3
Blueprint for Professional Success	8500375	
		<b>9</b>
Total in all programs		<b>682</b>

<b>School Enrollment-2/25/2018</b>	<b>1,638</b>
<b>Students Enrolled in CTE Courses</b>	<b>682</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>42%</b>

## Laurel Hill School

Course	Course #	Enrollment 2/25/2018
Digital Information Technology (hs)	8207310	5
Digital Information Technology (ms)	8207310A	16
		<b>21</b>
Info & Comm Tech 1 (ms)	9009110	33
Info & Comm Tech 2 (ms)	9009120	11
		<b>44</b>
Digital Design 1	8209510	24
Digital Design 2	8209520	8
Digital Design 3	8209530	
		<b>32</b>
<b>Total in all IT programs</b>		<b>97</b>
Fundamentals of Ag Systems (ms)	8021300	
Fundamentals of Ag Services (ms)	8021400	19
Explortation of Agriscience (ms)	8100210	24
Orient to Agriscience & CP (ms)	8100110	
Agriscience Foundations 1	8106810	3
Agriscience Foundations 1 (ms)	8106810A/B	8
Agritech 1	8106820	11
Agritech 2	8106830	3
		<b>68</b>
<b>Total in all programs</b>		<b>121</b>

<b>6-12 School Enrollment-2/25/2018</b>	<b>227</b>
<b>Students Enrolled in CTE Courses</b>	<b>121</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>53%</b>

## Manufacturing Academy

Course	Course #	Enrollment 2/25/2018
Advanced Manufacturing Technology 1	9200210	33
Advanced Manufacturing Technology 2	9200220	33
Automation & Production Tech 3	9200130	10
Automation & Production Tech 4	9200140	10
Practical General Arts	8300320	32
Blueprint for Professional Success	8500375	11
		<b>129</b>

**Each student takes a block of 3 courses per day      129/3**  
**Total # of individual high school students enrolled      43**

Enrollment numbers listed are already calculated in each school's enrollment.  
2 students are home school students and do not appear in the school numbers

## Niceville High School (0211)

Course	Course #	Enrollment 2/25/2018
<b>Information Technology</b>		
Digital Information Technology	8207310	69
		<b>69</b>
iLearn: Gateway to Your Future	8300330	29
		<b>29</b>
Digital Design 1	8209510	136
Digital Design 2	8209520	43
Digital Design 3	8209530	19
Digital Design 4	8209540	5
		<b>203</b>
Computer & Network Security	9001320	59
CyberSecurity Essentials	9001330	32
Operational CyberSecurity	9001340	11
CyberSecurity Planning & Analysis	9001350	8
		<b>110</b>
Digital Media Fundamentals	9005110	
Digital Media Production Systems	9005120	
Digital Media Delivery	9005130	
Advanced Digital Media Systems	9005140	14
Digital Video Production 1	8772410	45
Digital Video Production 2	8772420	15
Digital Video Production 3	8772430	12
NTV	0400660	6
		<b>92</b>
.NET 3	9007420	2
		<b>2</b>
Foundations of Robotics	9410110	28
Robotics Design Essentials	9410120	11
Robotic Systems	9410130	4
Robotic Applications Capstone	9410140	
		<b>43</b>
Web Programming	9007510	68
User Interface Design/Web 2	9001120	70
Web Scripting Fund/Web 3	9001130	26
Media Integration Ess/Web 4	9001140	3
E-Commerce & Mkg Ess/Web 5	9001150	4
		<b>171</b>
<b>Total of all IT programs</b>		<b>719</b>

## Niceville High School (0211)

Course	Course #	Enrollment 2/25/2018
<b>Culinary Arts</b>		
Culinary 1	8800510	183
Culinary 2	8800520	58
Culinary 3	8800530	8
Culinary 4	8800540	2
		<b>251</b>
<b>Advanced Manufacturing</b>		
Advanced Manufacturing Technology 1	9200210	14
Advanced Manufacturing Technology 2	9200220	14
Automation & Production Tech 3	9200130	2
Automation & Production Tech 4	9200140	2
Practical General Arts	8300320	14
Blueprint for Professional Success	8500375	2
		<b>48</b>
<b>Total of all programs</b>		<b>1018</b>

AP Comp Science	0200320	15
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<b>School Enrollment-2/25/2018</b>	<b>2,038</b>
<b>Students Enrolled in CTE Courses</b>	<b>1,018</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>50%</b>

## Bruner Middle School (0651)

Course	Course #	Enrollment 2/24/2018
Business Keyboarding	8200110	113
Digital Information Technology (ms)	8207310A	57
Foundations of Web/Web 1 (ms)	9001110A	32
		<b>89</b>
Exploring IT Careers	9009350	19
		<b>19</b>
<b>Total in all programs</b>		<b>108</b>

\*does not include Bus Key

School Enrollment-2/25/2018	<b>791</b>
Students Enrolled in CTE Courses	<b>108</b>
Percentage Enrolled in CTE Courses	<b>14%</b>

## Davidson Middle School (0761)

Course	Course #	Enrollment 2/25/2018
Digital Information Technology	8207310A	43
Foundations of Web Design	9001110A	23
Info & Comm Tech 1	9009110	59
		<b>125</b>
Exploring IT Careers	9009350	34
Orientation to Careers & Tech	9100110	71
		<b>105</b>
Orientation to Health Occ/ Exploring Health Occ	8400110 8400210	17
		<b>17</b>
Total in all programs		<b>230</b>

<b>School Enrollment-2/25/2018</b>	<b>1,039</b>
<b>Students Enrolled in CTE Courses</b>	<b>230</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>22%</b>

## Destin Middle School

Course	Course #	Enrollment 2/25/2018
Digital Information Technology	8207310A	50
Foundations of Web Design	9001110A	21
Business Keyboarding	8200110	21
		<b>71</b>
Introduction to Technology	8600010	50
<b>Total</b>		<b>50</b>
<b>Total in All Programs</b>		<b>121</b>

\*does not include Bus Key

<b>School Enrollment-2/25/2018</b>	<b>750</b>
<b>Students Enrolled in CTE Courses</b>	<b>121</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>16%</b>



## Lewis School (0671)

Course	Course #	Enrollment 2/25/2018
Info & Comm Tech 1	9009110	38
Foundations of Web Design	9001110A	37
Business Keyboarding	8200110	36
Total		<b>75</b>

\*does not include Bus Key

<b>6-8 School Enrollment-2/25/2018</b>	<b>323</b>
<b>Students Enrolled in CTE Courses</b>	<b>75</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>23%</b>

## Meigs Middle School (0082)

Course	Course #	Enrollment 2/25/2018
Info & Comm Tech 1	9009110	90
Digital Information Technology	8207310A	54
Foundations of Web Design	9001110A	28
<b>Total</b>		<b>172</b>
Exploring IT Careers	9009350	
Exploring Technology	8600020	48
<b>Total</b>		<b>48</b>
<b>Total in all programs</b>		<b>220</b>

<b>School Enrollment-2/25/2018</b>	<b>538</b>
<b>Students Enrolled in CTE Courses</b>	<b>220</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>41%</b>

## Pryor Middle School (0271)

Course	Course #	Enrollment 2/25/2018
Intro Arts, A/V	8209350	57
Digital Information Technology	8207310A	55
Foundations of Web Design	9001110A	25
		<b>137</b>
Exploring Technology	8600020	43
Intro to Technology	8600010	46
Fundamentals of Manufacturing	9260400	25
		<b>114</b>
Total		<b>251</b>

<b>School Enrollment-2/25/2018</b>	<b>650</b>
<b>Students Enrolled in CTE Courses</b>	<b>251</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>39%</b>

## Ruckel Middle School (0121)

Course	Course #	Enrollment 2/25/2018
Digital Information Technology	8207310A	123
Foundations of Web Design	9001110A	104
		<b>227</b>
Exploring IT Careers	9009350	53
Exploring Technology	8600019	28
Introduction to Tech	8600010	56
		<b>137</b>
<b>Total</b>		<b>364</b>

<b>School Enrollment-2/25/2018</b>	<b>1,128</b>
<b>Students Enrolled in CTE Courses</b>	<b>364</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>32%</b>

## Shoal River Middle School (0092)

Course	Course #	Enrollment 2/25/2018
Info & Comm Tech 1	9009110	58
Digital Information Technology	8207310A	45
Foundations of Web Design	9001110A	16
		<b>119</b>
Exploring IT Careers	9009350	85
Exploring Technology	8600020	25
Fundamentals of Manufacturing	9260400	24
		<b>134</b>
Orientation to Health Occ/ Exploring Health Occ	8400110/ 8440210	<b>0</b>
Fund of Culinary Careers	8809200	134
		<b>134</b>
<b>Total</b>		<b>387</b>

<b>School Enrollment-2/25/2018</b>	<b>844</b>
<b>Students Enrolled in CTE Courses</b>	<b>387</b>
<b>Percentage Enrolled in CTE Courses</b>	<b>46%</b>

## STEM Academy (0721)

Course	Course #	Enrollment 2/25/2018
.NET App Dev Found	900741	20
Info & Comm Tech 1	9009110	64
Info & Comm Tech 3	9009130	38
		<b>122</b>
Total		<b>122</b>

School Enrollment-2/25/2018	229
Students Enrolled in CTE Courses	122
Percentage Enrolled in CTE Courses	53%

# *Industry Certifications*





## High School Certification Dollars Earned Comparison 2007 - 2017



80% TO SCHOOL

SCHOOL	PROGRAM	CERTS FUNDED 07-08	CERTS FUNDED 08-09	CERTS FUNDED 09-10	CERTS FUNDED 2010-11	CERTS FUNDED 2011-12	CERTS FUNDED 2012-13	CERTS FUNDED 2013-14	CERTS FUNDED 2014-15	CERTS FUNDED 2015-16	CERTS FUNDED 2016-17 <i>ESTIMATED</i>
BAKER	Early Childcare				\$911.49	\$0.00	\$1,104.00		\$0.00	\$0.00	
	Culinary						\$0.00		\$10,345.00	\$1,975.00	
	Information Tech	\$0.00	\$0.00	\$962.45	\$0.00	\$3,763.00	\$64,815.00	\$35,391.00	\$45,036.00	\$46,073.00	\$35,268.00
	Welding	\$0.00	\$0.00		\$0.00	\$2,512.00	\$2,206.00	\$3,217.00	\$0.00	\$0.00	
CHOCTAW	Aerospace	\$0.00	\$1,878.00	\$8,662.07	\$2,734.47	\$0.00	\$0.00	\$357.00	\$8,867.00	\$3,288.00	\$653.00
	Allied Health Engineer	\$0.00	\$0.00	\$0.00	\$2,734.47	\$0.00	\$28,323.00	\$15,015.00	\$3,695.00	\$5,260.00	\$8,491.00
	Culinary						\$1,327.00	\$11,440.00	\$0.00	\$0.00	
	Information Tech	\$0.00	\$10,330.00	\$38,498.07	\$41,928.52	\$37,961.00	\$81,625.00	\$51,836.00	\$56,895.00	\$124,601.00	\$108,417.00
CHOICE HS	Automotive	\$0.00	\$0.00	\$962.45	\$0.00	\$0.00	\$0.00	\$4,647.00	\$4,803.00	\$6,575.00	\$7,837.00
	CTI Carpentry/Welding	\$12,014.00	\$15,965.00	\$5,774.71	\$8,203.41	\$2,824.00	\$16,909.00	\$10,367.00	\$1,108.00	\$658.00	\$653.00
	Information Tech	\$0.00	\$7,513.00	\$9,624.52	\$15,495.43	\$5,333.00	\$16,200.00	\$29,671.00	\$6,650.00	\$2,959.00	\$5,225.00
	Manufacturing									\$1,315.00	<i>Moved to NHS</i>
	Vet Tech						\$719.00				
	Culinary	\$0.00	\$4,695.00	\$4,812.26	\$2,278.72	\$2,824.00	\$0.00	\$10,725.00	\$13,300.00	\$5,260.00	\$2,613.00
CRESTVIEW	Aviation	\$0.00	\$3,756.00	\$6,737.16	\$1,822.98	\$2,510.00	\$2,352.00		\$0.00		\$0.00
	Allied Health	\$0.00	\$4,695.00	\$3,849.81	\$1,822.98	\$2,510.00	\$0.00		\$0.00		\$4,898.00
	Automotive	\$0.00	\$939.00			\$941.00	\$0.00		\$0.00		\$0.00
	Construction Tech	\$11,014.00	\$11,269.00	\$27,911.10	\$21,875.75	\$7,843.00	\$16,684.00	\$2,860.00	<i>Welding</i> \$369.00		\$0.00
	Culinary	\$0.00	\$1,878.00			\$627.00			\$0.00	\$12,493.00	\$20,900.00
	Engineering						\$303.00	\$24,309.00	\$18,473.00	\$30,246.00	\$26,125.00
	Information Tech	\$0.00	\$13,147.00	\$28,873.55	\$28,256.18	\$33,569.00	\$108,263.00	\$104,029.00	\$126,722.00	\$185,093.00	\$127,031.00
FWBHS	Information Tech	\$0.00	\$1,878.00	\$16,361.68	\$48,308.95	\$47,059.00	\$198,199.00	\$92,947.00	\$142,978.00	\$132,163.00	\$111,030.00
	Bio-Med								\$9,606.00	\$5,260.00	\$15,675.00
	Drafting (CTI) (1st yr)	\$0.00	\$0.00	\$962.45	\$7,291.92	\$9,412.00	\$16,316.00	\$14,657.00	\$8,128.00	\$5,260.00	\$653.00
LAUREL HILL	Construction Tech	\$1,001.20	\$1,878.00	\$3,849.81	\$911.49	\$3,451.00	\$0.00		\$0.00	\$0.00	
	Information Tech	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,852.00	\$14,657.00	\$15,124.00	\$7,240.00	\$6,858.00
NICEVILLE	Aviation	\$0.00	\$0.00	\$0.00	\$0.00	\$941.00			\$0.00		\$0.00
	Culinary				\$455.74	\$0.00	\$663.00	\$22,879.00	\$21,428.00	\$15,781.00	\$33,309.00
	Manufacturing										\$38,534.00
	Information Tech	\$35,042.00	\$70,432.00	\$110,681.96	\$122,139.60	\$105,726.00	\$511,723.00	\$185,537.00	\$238,665.00	\$145,642.00	\$176,014.00
<b>TOTALS HIGH SCHOOLS</b>		<b>\$59,071.20</b>	<b>\$150,253.00</b>	<b>\$268,524.06</b>	<b>\$307,172.10</b>	<b>\$269,806.00</b>	<b>\$1,080,583.00</b>	<b>\$634,541.00</b>	<b>\$732,192.00</b>	<b>\$737,142.00</b>	<b>\$730,184.00</b>

*Testing Cost funded directly from CAPE funds in the School Budget. 2012-13*

*2011-12 is 1st yr of weighted funding (.1, .2, .3)*

*2012-13 "Catch-up Year. 9-12 grade funded for certifications earned prior yrs - seniors only*





**Middle School Certification Dollars Earned Comparison  
2012 - 2017**



TOTALS HIGH SCHOOLS carry fwd	\$59,071.20	\$150,253.00	\$268,524.06	\$307,172.10	\$269,806.00	\$1,080,583.00	\$634,541.00	\$732,192.00	\$737,142.00	\$730,184.00
Middle Schools were not funded until 2012-13. In addition, 2012-13 changed funding from certifications earned by Seniors only to any certification earned by 9-12 grade students would be funded in the year earned and was a "catch-up" year for previous year's funding.										
						CERTS FUNDED 2012-13	CERTS FUNDED 2013-14	CERTS FUNDED 2014-15	CERTS FUNDED 2015-16	CERTS FUNDED 2016-17 <i>ESTIMATED</i>
<b>BAKER</b> Information Technology								\$7,795.00	\$8,283.00	\$5,878.00
Digital Tools									\$1,860.00	\$571.00
<b>BRUNER</b> Information Technology					\$67,110.00	\$20,019.00	\$21,613.00	\$21,370.00	\$21,370.00	\$27,104.00
Digital Tools								\$1,233.00	\$1,233.00	\$816.00
<b>DAVIDSON</b> Information Technology					\$20,692.00	\$5,362.00	\$16,994.00	\$13,479.00	\$13,479.00	\$20,900.00
Digital Tools								\$822.00	\$822.00	\$3,837.00
Manufacturing								\$0.00	\$0.00	\$0.00
Digital Tools								\$1,808.00	\$1,808.00	\$3,266.00
<b>DESTIN</b> Information Technology					\$26,660.00	\$3,575.00	\$14,408.00	\$12,164.00	\$12,164.00	\$10,776.00
Digital Tools								\$1,726.00	\$1,726.00	\$3,266.00
<b>LAUREL HILL</b> Information Technology							\$4,456.00	\$1,965.00	\$1,965.00	\$2,286.00
Digital Tools								\$1,973.00	\$1,973.00	\$1,633.00
<b>LEWIS</b> Information Technology					\$5,968.00	\$3,217.00	\$8,497.00	\$9,205.00	\$9,205.00	\$7,438.00
Digital Tools								\$2,219.00	\$2,219.00	\$2,359.00
<b>MEIGS</b> Information Technology					\$27,654.00	\$10,725.00	\$13,762.00	\$15,123.00	\$15,123.00	\$14,695.00
Digital Tools					\$51,196.00			\$2,466.00	\$2,466.00	\$1,714.00
<b>STEMM</b> Information Technology										\$0.00
Digital Tools								\$3,288.00	\$3,288.00	\$0.00
<b>PRYOR</b> Information Technology					\$51,196.00	\$16,802.00	\$14,132.00	\$19,200.00	\$19,200.00	\$18,614.00
Digital Tools								\$4,060.00	\$4,060.00	\$4,118.00
Manufacturing								\$822.00	\$822.00	\$2,576.00
Digital Tools								\$904.00	\$904.00	\$2,123.00
<b>RUCKEL</b> Information Technology					\$158,259.00	\$72,213.00	\$76,569.00	\$75,875.00	\$75,875.00	\$72,822.00
Mfg Digital Tools								\$822.00	\$822.00	\$1,551.00
Digital Tools STEM								\$3,603.00	\$3,603.00	\$0.00
<b>SHOAL RIVER</b> Information Technology					\$36,607.00	\$1,430.00	\$10,160.00	\$19,870.00	\$19,870.00	\$7,438.00
Digital Tools								\$4,192.00	\$4,192.00	\$1,878.00
Mfg Digital Tools								\$1,006.00	\$1,006.00	
Digital Tools STEM								\$2,219.00	\$2,219.00	\$1,787.00
<b>Total Certification Dollars</b>	\$59,071.20	\$150,253.00	\$268,524.06	\$307,172.10	\$269,806.00	\$445,342.00	\$133,343.00	\$188,386.00	\$197,356.00	\$190,527.00
<b>Digital Tool Dollars</b>									\$34,201.00	\$28,919.00
<b>Total CTE Certification Dollars</b>	\$59,071.20	\$150,253.00	\$268,524.06	\$307,172.10	\$269,806.00	\$1,525,925.00	\$767,884.00	\$920,578.00	\$968,699.00	\$949,630.00
							<b>ADD: HIGH SCHOOL INNOVATIONS BEGINNING 2014-15</b>			
							Choctaw Innov	\$25,492.00	\$12,822.00	\$4,898.00
							FWBHS Innov		\$29,589.00	\$29,390.00
<b>TOTAL FUNDING TO with AP Innovations</b>								\$946,070.00	\$1,011,110.00	\$983,918.00

**2016-2017  
BAKER SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
8207310 Digital Information Technology (HS)	MICRO069 MOS Bundle	Baker	49	24	49%	\$ 15,674.88
8207310 Digital Information Technology (MS)	MICRO069 MOS Bundle	Baker	26	13	50%	\$ 4,245.28
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO802 DTC Word	Baker	26	6	23%	\$ 489.84
	MICRO801 DTC Excel	Baker	26	1	4%	\$ 81.64
9001110 Foundations of Web Design (HS)	PROSO020 CIW Site Dev Ass	Baker	15	14	93%	\$ 9,143.68
9001110 Foundations of Web Design (MS)	PROSO020 CIW Site Dev Ass	Baker	7	5	71%	\$ 1,632.80
9001120 User Interface Design	PROSO027 CIW Adv HTML5	Baker	4	3	75%	\$ 1,959.36
9005110 Digital Media Fundamentals	ADOBE018 Adobe Premier P	Meggers	31	26	84%	\$ 8,490.56
			184	92		
					<b>IT Total Estimated CAPE/DTC Funds Earned</b>	<b>\$ 41,718.04</b>
8800510 Culinary Arts 1		Oglesby	55	0	0%	\$ -
8800520 Culinary Arts 2		Oglesby	29	0	0%	\$ -
8800530 Culinary Arts 3		Oglesby	22	0	0%	\$ -
8800540 Culinary Arts 4		Oglesby	9	0	0%	\$ -
<b>Culinary Arts Totals</b>						<b>\$ -</b>
9009350 Exploring Technology (MS-Digital Tool Cert)*		Burlison	49	0	0%	\$ -
<b>STEMM Total DTC Funds Earned</b>						<b>\$ -</b>
						<b>\$ 41,718.04</b>
					Split for dual certifications earned and surpassing max allowed	
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b>\$ 41,718.04</b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

\*\*Split funding for multiple certifications and surpassing max WFTE allowed

High School Total \$ 35,268.48  
Middle School Total \$ 6,449.56  
\$ 41,718.04

**2016-2017  
CHOCTAWHATCHEE HIGH SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
<b>Information Technology</b>						
8207310 Digital Information Technology	MICRO069 MOS Bundle	Bates	166	116	70%	\$ 75,761.92
8209510 Digital Design 1	ADOBE022 Adobe Photoshoj	Brown	55	42	76%	\$ 13,715.52
8209520 Digital Design 2	ADOBE020 Adobe Illustrator	Brown	Course Not Taught This Year			
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assi	Buchanan	39	18	46%	\$ 11,756.16
9001120 User Interface Design	PROSO027 CIW Adv HTML5 i	Buchanan	30	11	37%	\$ 7,184.32
<b>IT Total</b>						<b>\$ 108,417.92</b>
<b>Engineering</b>						
8600550 Introduction to Engineering	ADESK002 AutoCAD User	McSheehy	52	11	21%	\$ 7,184.32
8600520 Principles of Engineering	ADESK002 AutoCAD User	McSheehy	8	2	25%	\$ 1,306.24
<b>Engineering Total</b>						<b>\$ 8,490.56</b>
<b>Aerospace Science</b>						
Aerospace Science 4 Transportation	AMSTL003 Global Logistic As	Bates	33	1	3%	\$ 653.12
<b>Aerospace Total</b>						<b>\$ 653.12</b>
<b>AP Microeconomics</b>						
AP Microeconomics**	CAPEI001 Word & Excel	Latham	26	5	19%	\$ 4,898.35
<b>AP Microeconomics Total</b>						<b>\$ 4,898.35</b>
<b>AP Language</b>						
AP Language**	CAPEI001 Word & Excel	Rogers	46	0	0%	\$ -
<b>AP Language Total</b>						<b>\$ -</b>
<b>Estimated Total CAPE Funds Earned</b>						<b>\$ 122,459.95</b>

\*\*Student must earn a score of 3 or higher on the AP individual exam AND earn the Microsoft Office Specialist certification exam

**2016-2017**  
**CHOICE HIGH SCHOOL & TECHNICAL CENTER**  
**CHOICE PROGRAMS**

Course	Indust Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
<b>Automotive Maintenance &amp; Light Repair 1-6 Courses</b>						
9504110-60 Automotive Maintenance & Light Repair	FLADA001 FADA	Bates	18	14	78%	\$ 4,571.84
	ASE Certs	Bates	18	5	28%	\$ 3,265.60
<b>Automotive Maintenance &amp; Light Repair Total</b>				<b>19</b>		<b>\$ 7,837.44</b>
<b>CTI Courses</b>						
8720310-70 Building Construction Tech	NCCER005 NCCER Carpentry	Preston	6	1	17%	\$ 653.12
<b>CTI Total</b>						<b>\$ 653.12</b>
<b>Culinary 1-4 Courses</b>						
8800510-40 Culinary	NRAEF003 Certified Food Pr	Hencinski	7	4	57%	\$ 2,612.48
<b>Culinary Total</b>						<b>\$ 2,612.48</b>
<b>Television Production Courses</b>						
8772110-92 Television Production	APPLE020 Apple Final Cut Pr	McMillin	16	8	50%	\$ 5,224.96
<b>IT Total</b>						<b>\$ 5,224.96</b>
<b>Estimated Total CAPE Funds Earned</b>						<b>\$ 16,328.00</b>

53%

**2016-2017  
CRESTVIEW HIGH SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
<b>Information Technology Courses</b>						
8207310 Digital Information Technology	MICRO069 MOS Bundle	Million	25	12	48%	\$ 7,837.44
	MICRO069 MOS Bundle	Sligar	29	16	55%	\$ 10,449.92
	MICRO069 MOS Bundle	Stakley	53	16	30%	\$ 10,449.92
<b>DIT Total</b>			<b>107</b>	<b>44</b>	<b>44%</b>	<b>\$ 28,737.28</b>
8209510 Digital Design 1	ADOBE022 Adobe Photoshop CC ACA	Porter	77	57	74%	\$ 18,613.92
	ADOBE022 Adobe Photoshop CC ACA	Stakley	54	29	54%	\$ 9,470.24
<b>Digital Design 1 Total</b>			<b>131</b>	<b>86</b>	<b>64%</b>	<b>\$ 28,084.16</b>
8209520 Digital Design 2	ADOBE020 Adobe Illustrator ACA	Porter	35	32	91%	\$ 10,449.92
8209530 Digital Design 3	ADOBE021 Adobe InDesign ACA	Porter	13	11	85%	\$ 3,592.16
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Suggs	47	37	79%	\$ 24,165.44
9001120 User Interface Design	PROSO027 CIW Adv HTML5 & CSS3	Suggs	27	20	74%	\$ 13,062.40
9001130 Web Scripting Fundamentals	PROSO017 CIW JavaScript Spec	Suggs	22	18	82%	\$ 11,756.16
87107020 Networking 1	MICRO076 MTA Windows Op Sys Fund	Sligar	27	13	48%	\$ 4,245.28
87107030 Networking 2	MICRO078 MTA Networking Fund	Sligar	9	4	44%	\$ 1,306.24
87107040 Networking 3	MICRO077 MTA Security Fund	Sligar	7	5	71%	\$ 1,632.80
<b>IT Total</b>			<b>425</b>	<b>140</b>		<b>\$ 127,031.84</b>
<b>Engineering Courses</b>						
8600550 Intro to Engineering Design	ADESK002 AutoCAD User	Elrite	24	20	83%	\$ 13,062.40
8600520 Principles of Engineering	ADESK011 Autodesk Inventor Cert User	Elrite	34	20	59%	\$ 13,062.40
<b>Engineering Total</b>			<b>58</b>	<b>40</b>		<b>\$ 26,124.80</b>
<b>Culinary 1-4 Courses</b>						
8800510 Culinary 1	NRAEF003 Cert Food Prot Mgr (ServSafe)	Tingle	89	13	15%	\$ 8,490.56
8800520 Culinary 2	NRAEF003 Cert Food Prot Mgr (ServSafe)	Tingle	40	10	25%	\$ 6,531.20
8800530 Culinary 3	NRAEF003 Cert Food Prot Mgr (ServSafe)	Tingle	33	9	27%	\$ 5,878.08
8800540 Culinary 4	NRAEF003 Cert Food Prot Mgr (ServSafe)	Tingle	2	0	0%	\$ -
<b>Culinary Total</b>			<b>162</b>	<b>32</b>		<b>\$ 20,899.84</b>
<b>Allied Health Courses</b>						
8417131 Allied Health Assisting 3	IESMR001 Emerg Med Responder	McKenzie	26	15	58%	\$ 4,898.40
<b>Allied Health Total</b>			<b>26</b>	<b>15</b>		<b>\$ 4,898.40</b>
<b>Estimated Total CAPE Funds Earned</b>						<b>\$ 178,954.88</b>

**2016-2017**  
**FORT WALTON BEACH HIGH SCHOOL**  
**CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Passed	%age Passed	CAPE \$\$ Earned
<b>Information Technology</b>						
8207310 Digital Information Technology						
	MICRO069 MOS Bundle	Krembel	73	56	77%	\$ 36,574.72
	MICRO069 MOS Bundle	Mason	21	17	81%	\$ 11,103.04
<b>DIT Totals</b>			<b>94</b>	<b>73</b>	<b>79%</b>	<b>\$ 47,677.76</b>
8209510 Digital Design 1						
	ADOBE022 Adobe Photoshop CC ACA	Bryant	54	45	83%	\$ 14,695.20
	ADOBE022 Adobe Photoshop CC ACA	Mason	41	30	73%	\$ 9,796.80
<b>Digital Design 1 Totals</b>			<b>95</b>	<b>75</b>	<b>78%</b>	<b>\$ 24,492.00</b>
8209520 Digital Design 2	ADOBE020 Adobe Illustrator ACA	Mason	15	15	100%	\$ 4,898.40
8209530 Digital Design 3	ADOBE021 Adobe InDesign ACA	Mason	2	2	100%	\$ 653.12
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Bryant	31	28	90%	\$ 18,287.36
9001120 User Interface Design	PROSO027 CIW Adv HTML5 & CSS3	Bryant	19	16	84%	\$ 10,449.92
9005110 Digital Media Fundamentals	ADOBE018 Adobe Premier Pro ACA	McMillin	20	14	70%	\$ 4,571.84
<b>IT Total</b>			<b>276</b>	<b>223</b>		<b>\$ 111,030.40</b>
<b>Architecture and Construction</b>						
8725010 Drafting 1	ADESK002 AutoCAD User	Cotton	32	0	0%	\$ -
8725020 Drafting 2	ADESK002 AutoCAD User	Cotton	17	1	6%	\$ 653.12
8725030 Drafting 3	ADESK021 AutoCAD Cert Pro	Cotton	10	0	0%	\$ -
8725040 Drafting 4	ADESK011 Autodesk Inventor	Cotton	7	0	0%	\$ -
<b>Engineering Total</b>			<b>66</b>	<b>1</b>		<b>\$ 653.12</b>
<b>Biomedical Sciences</b>						
8708140 Biomedical Innovation	CERHB001 Biotechnician Assistant	Stewart	32	24	75%	\$ 15,674.88
<b>Biomedical Sciences Total</b>			<b>32</b>	<b>24</b>		<b>\$ 15,674.88</b>
<b>AP Microeconomics Innovation</b>						
AP Microeconomics Innovation**	CAPEI001 Word or Excel	Latham	106	30	28%	\$ 29,390.10
<b>AP Microeconomics Total</b>			<b>106</b>	<b>30</b>		<b>\$ 29,390.10</b>
<b>Estimated Total CAPE Funds Earned</b>			<b>480</b>	<b>278</b>		<b>\$ 156,748.50</b>

\*\*Student must earn a score of 3 or higher on the AP Microeconomics exam AND earn the Microsoft Office Specialist for Excel certification

**2016-2017  
LAUREL HILL SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
9009110 Info & Comm Tech 1	CERTI805 IC3-Liv Online	Cooper	24	1	4%	\$ 81.64
9009120 Info & Comm Tech 2	PROSO803 ICT--Mult Ess	Cooper	14	13	93%	\$ 1,061.32
8207310 Digital Information Technology (HS)	MICRO069 MOS Bundle	Cooper	2	1	50%	\$ 653.12
8207310 Digital Information Technology (MS)	MICRO069 MOS Bundle	Cooper	14	7	50%	\$ 2,285.92
8207310 Digital Information Technology (MS-DTC)*	MICRO802 DTC Word	Cooper	14	6	43%	\$ 489.84
	MICRO801 DTC Excel	Cooper	14	0	0%	\$ -
8209510 Digital Design 1	ADOBE022 Adobe Photoshop CC ACA	Cooper	21	15	71%	\$ 4,898.40
8209520 Digital Design 2		Cooper	Not teaching class this year			
8209530 Digital Design 3	ADOBE021 Adobe InDesign ACA	Cooper	8	4	50%	\$ 1,306.24
<b>IT DTC Funding Earned</b>						<b>\$ 1,632.80</b>
<b>IT CAPE Funding Earned</b>						<b>\$ 9,143.68</b>
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b>\$ 10,776.48</b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

High School Only	\$ 6,857.76
Middle School Only	\$ 3,918.72
	<u>\$ 10,776.48</u>

**2016-2017  
NICEVILLE HIGH SCHOOL  
CHOICE PROGRAMS**

Course		Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
<b>Information Technology Courses</b>						
8207310 Digital Information Technology	MICRO069-MOS Bundle	Foxhall	82	58	71%	\$ 37,880.96
8209510 Digital Design 1			108	78	73%	\$ 25,471.68
	ADOBE022 Adobe Photoshop CC ACA	Frakes	28	21	75%	\$ 6,857.76
	ADOBE022 Adobe Photoshop CC ACA	Espeseth	80	57	71%	\$ 18,613.92
8209520 Digital Design 2	ADOBE020 Adobe Illustrator ACA	Frakes	35	34	97%	\$ 11,103.04
8209530 Digital Design 3	ADOBE021 Adobe InDesign ACA	Frakes	13	13	100%	\$ 4,245.28
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Foxhall	40	39	98%	\$ 25,471.68
<b>All Web 2-5 Classes Combined</b>						
9001120 User Interface Design			81	25	46%	\$ 16,328.00
9001120 User Interface Design	PROSO027 CIW Adv HTML5 & CSS3	Huerkamp	27	25	93%	\$ 16,328.00
9001120 User Interface Design	PROSO027 CIW Adv HTML5 & CSS3	Ferguson	54	0	0%	\$ -
9001130 Web Scripting Fundamentals	PROSO027 CIW Adv HTML5 & CSS3	Ferguson	20	0	0%	\$ -
9001140 Media Integration Essentials	PROSO027 CIW Adv HTML5 & CSS3	Ferguson	11	0	0%	\$ -
9001150 E-Commerce & Marketing Essentials	PROSO027 CIW Adv HTML5 & CSS3	Ferguson				
9001320 Computer & Network Security	MICRO076 MTA Windows Op Sys Fund	Huerkamp	56	45	80%	\$ 14,695.20
	MICRO102 - MTA-Mobility & Devices Fund	Huerkamp	56	33	59%	\$ 21,552.96
9001330 CyberSecurity Essentials	MICRO078 MTA Networking Fund	Huerkamp	8	7	88%	\$ 2,285.92
9001340 Operational CyberSecurity	MICRO077 MTA Security Fund	Huerkamp	9	9	100%	\$ 2,939.04
9001350 Cybersecurity Planning & Analysis	COMPT001 CompTIA A+	Huerkamp	3	1	33%	\$ 653.12
8772410 Digital Video Production 1	ADOBE018 Adobe Premier Pro ACA	Legaretta	48	30	63%	\$ 9,796.80
9007410 .NET 1	MICRO074 MTA: Software Dev Fund	Espeseth	32	11	34%	\$ 3,592.16
<b>IT Total</b>			<b>513</b>	<b>349</b>		<b>\$ 176,015.84</b>
<b>Culinary 1-4 Courses</b>						
8800510 Culinary 1			215	45	22%	\$ 29,390.40
	NRAEF003 Cert Food Prot Mgr (ServSafe)	Mason	71	18	25%	\$ 11,756.16
	NRAEF003 Cert Food Prot Mgr (ServSafe)	Pannelli	144	27	19%	\$ 17,634.24
8800520 Culinary 2	NRAEF003 Cert Food Prot Mgr (ServSafe)	Mason	41	4	10%	\$ 2,612.48
8800530 Culinary 3	NRAEF003 Cert Food Prot Mgr (ServSafe)	Mason	11	2	18%	\$ 1,306.24
8800540 Culinary 4	NRAEF003 Cert Food Prot Mgr (ServSafe)	Mason	5	0	0%	\$ -
<b>Culinary Total</b>			<b>482</b>	<b>51</b>		<b>\$ 33,309.12</b>
<b>Manufacturing Courses</b>						
9200110-40 Automation & Production 1, 2, 3, 4		Emigh	39	26	33%	\$ 38,533.86
8600540-640 Production Technology 1, 2						
<b>Manufacturing Total</b>			<b>39</b>	<b>26</b>		<b>\$ 38,533.86</b>
<b>Estimated Total CAPE Funds Earned</b>						<b>\$ 247,858.82</b>

70%



**2016-2017  
BRUNER MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
8207310 Digital Information Technology	MICRO069 MOS Bundle	Cook	74	49	66%	\$ 16,001.44
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO801&MICRO802	Cook	73	10		\$ 816.40
9001110 Foundations of Web Design - Web 1	PROSO020 CIW Site Dev Ass	Cook	34	34	100%	\$ 11,103.04
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b><u>\$ 27,920.88</u></b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

**2016-2017**  
**DAVIDSON MIDDLE SCHOOL**  
**CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
9009110 Info & Communications Technology 1*	CERTI804 IC3-Key Apps	Toney	59	36	61%	\$ 2,939.04
	CERTI805 IC3-Liv Online	Toney	59	3	5%	\$ 244.92
8207310 Digital Information Technology	MICRO069 MOS Bundle	Toney	71	47	66%	\$ 15,348.32
8207310 Digital Information Technology (MS-DTC)*	MICRO802 DTC Word	Toney	71	9	13%	\$ 734.76
	MICRO801 DTC Excel	Toney	71	0	0%	\$ -
9001110 Foundations of Web Design - Web 1	PROSO020 CIW Site Dev Assoc	Toney	19	17	89%	\$ 5,551.52
<b>Estimated IT Total CAPE/DTC Funds Earned</b>						<b>\$ 24,818.56</b>
9260400 Fundamentals of Manufacturing	SOLID003 - Cert Solidworks Assn	Sexton	24	0	0%	\$ -
8600010 Introduction to Technology	PROSO802 ICT-Gaming Ess	Sexton	66	23	35%	\$ 1,877.72
9009350 Exploring IT Careers (MS-DTC)*	PROSO803 ICT-Mult Ess	Sexton	29	8	28%	\$ 653.12
	PROSO804 ICT-Prog Logic Es	Sexton	29	9	31%	\$ 734.76
<b>Estimated STEM Total DTC Funds Earned</b>						<b>\$ 3,265.60</b>
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b>\$ 28,084.16</b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

**2016-2017  
DESTIN MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
8200110 Business Keyboarding	PROSO803 ICT-Mult Ess	Carty	25	19	76%	\$ 1,551.16
8207310 Digital Information Technology	MICRO069 MOS Bundle	Carty	55	24	44%	\$ 7,837.44
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO802 DTC Word	Carty	55	21	38%	\$ 1,714.44
	MICRO801 DTC Excel	Carty	55	0	0%	\$ -
9001110 Foundations of Web Design - Web 1	PROSO020 CIW Site Dev Assoc	Carty	13	9	69%	\$ 2,939.04

178                      54

**Estimated Total CAPE/DTC Funds Earned    \$ 14,042.08**

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

**2016-2017  
LEWIS SCHOOL  
CHOICE PROGRAMS**

<b>Course</b>		<b>Teacher</b>	<b>Course Enrollment</b>	<b>Certs Earned</b>	<b>%age Passed</b>	<b>CAPE \$\$ Earned</b>
9009110 Info & Comm Tech 1 (MS-Digital Tool Cert)	CERT1805 IC3-Liv Online	Martin	51	30	59%	\$ 2,449.20
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Martin	23	23	100%	\$ 7,510.88
<b>Total Estimated CAPE/DTC Funds Earned</b>						<b>\$ 9,960.08</b>
Split for dual certifications earned and surpassing max allowed						
						<b>\$ 9,960.08</b>

**2016-2017  
MEIGS MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
9009110 Info & Comm Tech 1 (MS-Digital Tool Cert)	CERT1803 IC3 Comp Fund	Reid, Justin	88	0	0%	\$ - ***
8207310 Digital Information Technology	MICRO069 MOS Bundle	Reid, Justin	57	27	47%	\$ 8,817.12
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO802 DTC Word	Reid, Justin	56	21	38%	\$ 1,714.44
	MICRO801 DTC Excel	Reid, Justin	56	0	0%	\$ -
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Reid, Justin	21	18	86%	\$ 5,878.08
<b>Total Estimated IT CAPE/DTC Funds Earned</b>						<b>\$ 16,409.64</b>
8600020 Exploring Technology (MS-Digital Tool Cert)	CERT1805 IC3-Liv Online	Reid, James	22	0	0%	\$ -
9009350 Exploring IT Careers (MS-Digital Tool Cert)	PROSO803 ICT-Mult Ess	Reid, James	27	0	0%	\$ -
<b>Total Estimated CAPE/DTC Funds Earned</b>						<b>\$ -</b>
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b>\$ 16,409.64</b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

\*\*Split funding for multiple certificaions and surpassing max WFTE allowed

\*\*\*Teacher proctored exams so the school will not receive credit for earning the DTC.

**2016-2017  
PRYOR MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course		Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
8209350 Intro to Arts, A/V (MS-Digital Tool Cert)	PROSO803 ICT-Mult Ess	Zirpola	47	41	87%	\$ 3,347.24
8207310 Digital Information Technology	MICRO069 MOS Bundle	Zirpola	51	41	80%	\$ 13,388.96
8207310 Digital Information Technology (MS-Digital Tool Cert)	MICRO802 DTC Word	Zirpola	51	9	18%	\$ 734.76
	MICRO801 DTC Excel	Zirpola	51	1	2%	\$ 81.64
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Zirpola	18	16	89%	\$ 5,224.96
<b>Total Estimated IT CAPE/DTC Funds Earned</b>						<b>\$ 22,777.56</b>
8209350 Intro to Arts, A/V (MS-Digital Tool Cert)	PROSO803 ICT-Mult Ess	Palermo	24	4	17%	\$ 326.56
9260350 Fundamentals of Manufacturing	SOLID003 - Cert Solidworks Assoc	Palermo	17	8	47%	\$ 2,612.48
8600010 Intro to Technology (MS-Digital Tool Cert)	CERTI803 IC3 Comp Fund	Palermo	49	22	45%	\$ 1,796.08
<b>Total Estimated CAPE/DTC Funds Earned</b>						<b>\$ 4,735.12</b>
						<b>\$ 27,512.68</b>
Split for dual certifications earned and surpassing max allowed						
<b>Estimated Total CAPE/DTC Funds Earned</b>						<b>\$ 27,512.68</b>

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

\*\*Split funding for multiple certifications and surpassing max WFTE allowed

**2016-2017  
RUCKEL MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
8207310 Digital Information Technology	MICRO069 MOS Bundle	McCollough	131	108	82%	\$ 35,268.48
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO802 DTC Word	McCollough	130	17	13%	\$ 1,387.88
	MICRO801 DTC Excel	McCollough	130	2	2%	\$ 163.28
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Walls	115	115	100%	\$ 37,554.40
<b>Total Estimated CAPE/DTC Funds Earned</b>			<b>506</b>	<b>242</b>		<b>\$ 74,374.04</b>
8600020 Exploring Technology (MS-Digital Tool Cert)	PROSO802 ICT-Gaming Ess	Brock	28	0	0%	\$ -
9009350 Exploring IT Careers (MS-Digital Tool Cert)	PROSO803 ICT-Mult Ess	Brock	25	0	0%	\$ -
8600010 Intro to Technology (MS-Digital Tool Cert)	CERT1805 IC3-Liv Online	Brock	55	0	0%	\$ -
<b>Total Estimated DTC Funds Earned</b>			<b>108</b>	<b>0</b>		

**\$ 74,374.04**

Split for dual certifications earned and surpassing max allowed

**Estimated Total CAPE/DTC Funds Earned**

**\$ 74,374.04**

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

\*\*Split funding for multiple certificaitions and surpassing max WFTE allowed

**2016-2017  
SHOAL RIVER MIDDLE SCHOOL  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
9009110 Info & Communications Technology 1*	CERTI803 IC3 Comp Fund	Young	52	1	2%	\$ 81.64
	CERTI805 IC3-Liv Online	Young	52	15	29%	\$ 1,224.60
8207310 Digital Information Technology	MICRO069 MOS Bundle	Young	33	6	18%	\$ 1,959.36
8207310 Digital Information Technology (MS-Digital Tool Cert)*	MICRO802 DTC Word	Young	33	5	15%	\$ 408.20
	MICRO801 DTC Excel	Young	33	2	6%	\$ 163.28
9001110 Foundations of Web Design	PROSO020 CIW Site Dev Assoc	Young	17	17	100%	\$ 5,551.52
			220	46		
			<b>Estimated Total IT CAPE/DTC Funds Earned</b>			<b>\$ 9,388.60</b>
9260350 Fundamentals of Manufacturing	SOLID003 - Cert Solidworks Assoc	Allen	19	0	0%	\$ -
8600020 Exploring Technology	PROSO803 ICT-Mult Ess	Allen	45	17	38%	\$ 1,387.88
9009350 Exploring IT Careers	PROSO803 ICT-Mult Ess	Allen	50	6	12%	\$ 489.84
	PROSO804 ICT-Prog Logic Es	Allen	50	0	0%	\$ -
			164	23		
			<b>Total Estimated CAPE/DTC Funds Earned</b>			<b>\$ 1,877.72</b>

Split for dual certifications earned and surpassing max allowed

**Estimated Total CAPE/DTC Funds Earned**

**\$ 11,266.32**

\*These exams are only counted if a student did not earn the MICRO069 MOS Bundle certification

\*\*Split funding for multiple certificaions and surpassing max WFTE allowed



**2016-2017  
STEMM Academy  
CHOICE PROGRAMS**

Course	Industry Cert	Teacher	Course Enrollment	Certs Earned	%age Passed	CAPE \$\$ Earned
9009110 Info & Communications Technology 1	CERTI803 IC3 Comp Fund	Jernigan	74	0	0%	\$ - **
	PROSO802 ICT-Gaming Ess	Jernigan	74	0	0%	\$ -
9009120 Info & Communications Technology 2	CERTI805 IC3-Liv Online	Jernigan	44	0	0%	\$ -
	PROSO804 ICT-Prog Logic Es	Jernigan	44	0	0%	\$ - **
<b>Estimated Total DTC Funds Earned</b>						<u>\$ -</u>

\*\*Not counting any exams due to problems with proctors