

Program Overview 2019-2020









CTAE

Alignment of Workforce Skills to Education

This report is a summary of the accomplishments of Career Technical and Agricultural Education (CTAE) pathways in DeKalb County School District (DCSD) during the 2019-20 school year.

The mission of CTAE is to educate DeKalb's and Georgia's future workforce by engaging students in activities that prepare them for workforce success. CTAE remains a critical component of student success in schools, as demonstrated by the high graduation and placement rates of students involved in CTAE courses. DeKalb CTAE career pathways are designed to build a coherent transition for students to gain technical skills, credentials, networks, employment, and post-secondary credits. CTAE teachers are connected to industry and post secondary through summer externships and continuous professional learning. Students receive current technical, employability, and critical thinking skills through their engagement and completion of career pathways. Career pathways in DeKalb County School District are furnished with equipment and classroom hands-on projects that expose and prepare students for careers and post-secondary education.

DCSD CTAE will deliver the highest quality CTAE instructional career pathways that provide students with the opportunities to acquire challenging academic and technical skills, and thus, prepare them for high-skill, high-wage, and indemand occupations and careers in a competitive 21st century global economy. Business involvement and student leadership development will be at the center of all activities and strategies.

CTAE is great for students, employers, and the community. These pathways are transforming student outcomes and making learning relevant to what they learn in all areas. The results in this report shows the tremendous benefit CTAE has on students graduating and preparing for the real world beyond high school.



DeKalb CTAE At A Glance

Grades 6-12

CTAE Programs

198 High School Pathways41 Middle School Pathways

CTAE Enrollment 2020

High School 16,383
Middle School 15,107



Graduation Rate for CTAE

2019 **91.6**%

2018 93.3%

2017 92.9%

2016 91.5%

Pathway Completers

2019-20 **4,145**

2018-19 4,037

2017-18 3,816

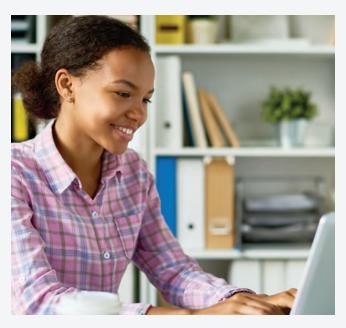
2016-17 3,817

Career Technical Student Organizations (CTSOs) Membership								
Organization	2017	2018	2019	2020				
Special Ed -Career Technical Instruction (CTI)	87	55	173	66				
Marketing - Distributive Education Clubs of America (DECA)	146	687	501	512				
Business & Computer Science – Future Business Leaders of America (FBLA)	1,725	1,775	1,530	1,415				
Family & Consumer Science – Family, Community, & Career Leaders of America (FCCLA)	4,047	3,858	3,966	5,653				
Health Science – Health Occupations Student Association (HOSA)	581	540	461	487				
Trade & Industry - (Skills USA)	512	486	385	378				
Future Farmers of America (FFA)	93	116	88	83				
Engineering – Technology Student Association (TSA)	6,886	8,664	8,580	8,209				
TOTAL	13,984	16,065	15,528	16,803				



JROTC Units						
Branch	# of Units	Enrollment	Entered Military 2020			
Air Force	8	876	28			
Army	2	274	14			
Navy	9	1,714	39			
TOTAL	19	2,864	81			

Industry Certified Programs					
Program Area	Certified Programs				
Auto Service	2				
Business & Computer Science	18				
Construction	2				
Culinary Arts	3				
Early Childhood Education	4				
Engineering	18				
Healthcare Science	6				
Marketing, Sales & Service	4				
Video Broadcasting	1				
TOTAL	60				



REGION 1								
Chamblee HS	Cross Keys HS *DHST-North	Dunwoody HS	Warren Tech					
Career Pathways								
Army JROTC A/V Technology & Film Computer Science Cyber Security Engineering Drafting Engineering & Technology Entrepreneurship Nutrition & Food Science Programming Sports Medicine Teaching as a Profession Work-Based Learning	Allied Health & Medicine* Auto Maintenance* Construction* Cosmetology* Dental Science* Game Design Nutrition & Food Science Entrepreneurship Law Enforcement* Manufacturing* Navy JROTC Programming* Web Development* Work-Based Learning *Cross Enrolled Programs	Air Force JROTC A/V Technology & Film Computer Science Early Childhood Engineering & Technology Health Science Interiors, Fashion, & Textiles Marketing & Management Nutrition & Food Science Programming Work-Based Learning	Auto Maintenance Business & Tech Building Maintenance Construction Culinary Arts Early Childhood Fashion Merchandising & Retail Management Grounds Maintenance Graphic Communications Health Science Plant & Landscaping Work-Based Learning					
	Career & Technical S	tudent Organizations						
FBLA FCCLA HOSA SkillsUSA TSA VEX Robotics	FBLA FCCLA HOSA SkillsUSA TSA VEX Robotics	DECA FBLA FCCLA HOSA SkillsUSA TSA VEX Robotics FIRST Robotics	CTI DECA FCCLA HOSA SkillsUSA					
	FY2019 C	ΓΑΕ Data						
CTAE Enrollment: 1,085 Pathway Completers: 146 CTAE Grad Rate: 91.1 % EOPA Pass Rate: 94 %	CTAE Enrollment: 1,376 Pathway Completers: 170 CTAE Grad Rate: 95.5% EOPA Pass Rate: 71% CTAE Enrollment: 1,104 Pathway Completers: 357 CTAE Grad Rate: 96.2% EOPA Pass Rate: 85%		CTAE Enrollment: N/A Pathway Completers: 26 CTAE Grad Rate: N/A EOPA Pass Rate: 19% *Data reported at home school					
	Feeder S	Schools						
Chamblee MS	Sequoya MS	Peachtree MS	N/A					
Business & Computer Science Engineering & Technology	Business & Computer Science Engineering & Technology CTAS Family 2015 665	Business & Computer Science Engineering & Technology Family & Consumer Science CTAL Face Waynest 2005						
CTAE Enrollment: 779	CTAE Enrollment: 665	CTAE Enrollment: 895						
	Fall Semester	rning Enrollment Spring Semester						
	154	181						

"Being part of a Career and Technical Student Organization (CTSO) has helped me gain confidence in real world settings, prepared me for college, and taught me so many communications and marketing skills which I am already using in my current job."

REGION 2							
Druid Hills HS	Lá	akeside HS		Tucker HS			
Career Pathways							
Engineering & Technology Interiors, Fashion, & Textiles Navy JROTC Nutrition & Food Science Teaching as a Profession Web & Digital Design Work-Based Learning	Air Force JRO A/V Technolog Computer Scie Culinary Arts Engineering & Marketing & N Nutrition & Fo Teaching as a Web & Digital Work-Based Le	gy & Film ence Technology Management od Science Profession Design	BusinessCulinaryEarly ChEngineeEntrepreMarketir	hnology & Film s & Technology Arts ildhood ring & Technology			
	Career & Technic	cal Student Organiza	ntions				
FBLA FCCLA TSA VEX Robotics	DECA FBLA FCCLA TSA VEX Robotics		DECA FBLA FCCLA SkillsUSA TSA VEX Rob				
	FY20	19 CTAE Data					
CTAE Enrollment: 221 Pathway Completers: 170 CTAE Grad Rate: 94.5 % EOPA Pass Rate: 84 %	Pathway Comp CTAE Grad Rate	CTAE Enrollment: 1,376 Pathway Completers: 243 CTAE Grad Rate: 96.7% EOPA Pass Rate: 72%		rollment: 1,455 Completers: 203 ad Rate: 97.6 % ss Rate: 72 %			
	Fee	eder Schools					
Druid Hills MS	Hei	nderson MS		Tucker MS			
Business & Computer Science Engineering & Technology CTAE Enrollment: 698	• Engineering &	• Engineering & Technology		s & Computer Science ring & Technology d Consumer Science nrollment: 1,068			
	Work-Based	Learning Enrollment					
	Fall Semester 154	Fall Semester Spring Semes					

"CTSOs give me the opportunity to extend learning both in and outside of my classroom. Our FBLA program offers various opportunities for advisers and students to grow through competitive events, field trips, conferences, and leadership training. Most importantly, FBLA helps me challenge myself and my students to perform our best and strive for personal excellence."

Ms. Tammy Amado, FBLA Adviser Redan High School

REGION 3								
Arabia Mtn. HS	Lithonia HS	Redan HS	Stephenson HS					
Career Pathways								
Air Force JROTC Allied Health & Medicine A/V Technology & Film Computer Science Culinary Arts Energy Systems Engineering & Technology Entrepreneurship Plant & Landscape Systems Web & Digital Design Work-Based Learning	Cyber Security Engineering & Technology Entrepreneurship Fashion Merchandising & Retail Management Navy JROTC Nutrition & Food Science Sports & Entertainment Marketing Work-Based Learning	A/V Technology & Film Business & Technology Engineering & Technology Entrepreneurship Fashion Merchandising & Retail Management Navy JROTC Nutrition & Food Science Programming Sports & Entertainment Marketing Sports Medicine Teaching As A Profession Web & Digital Design Work-Based Learning						
	Career & Technical S	tudent Organizations						
FBLA FCCLA FFA HOSA SkillsUSA TSA VEX Robotics	DECA FBLA FCCLA TSA VEX Robotics	FBLA FCCLA TSA VEX Robotics	DECA FBLA HOSA TSA VEX Robotics					
	FY2019 C	TAE Data						
CTAE Enrollment: 1,031 Pathway Completers: 348 CTAE Grad Rate: 100 % EOPA Pass Rate: 88 %	hthway Completers: 348 Pathway Completers: 187 CTAE Grad Rate: 91.9 %		CTAE Enrollment: 987 Pathway Completers: 363 CTAE Grad Rate: 92 % EOPA Pass Rate: 75 %					
	Feeder S	Schools						
N/A	Lithonia MS	Redan MS	Stephenson MS					
	Engineering & Technology Family & Consumer Science CTAE Enrollment: 1,087	Business & Computer Science Engineering & Technology Family & Consumer Science CTAE Enrollment: 857	Business & Computer Science Engineering & Technology Family & Consumer Science CTAE Enrollment: 910					
	Work-Based Lea	rning Enrollment						
	Fall Semester	Spring Semester						
	231	260						

"Our partnership with DeKalb County Schools CTAE helps students see the value within themselves. We are so proud of the accomplishments of the DCSD students in our program!"

Jeannine Schloss, VP Regional Operation NFTE, Network for Teaching Entrepreneurship

REGION 4								
Clarkston HS				9	Stone Mountain HS			
	Career Pathways							
Air Force JROTC Allied Health & Medicine Computer Science Culinary Arts Engineering & Technology Entrepreneurship Nutrition & Food Science Teaching As A Profession Work-Based Learning				EntrepreNavy JRProgram	ring & Technology neurship OTC			
	Care	eer & Technical S	tudent Organizat	ions				
FBLA FCCLA HOSA TSA VEX Robotics				FBLA FCCLA TSA VEX Rob	otics			
		FY2019 C	ΓΑΕ Data					
CTAE Enrollment: 939 Pathway Completers: 280 CTAE Grad Rate: 93.4% EOPA Pass Rate: 84%				Pathway CTAE Gra	rollment: 589 Completers: 152 ad Rate: 85.5 % ss Rate: 40 %			
		Feeder S	Schools					
Freedom MS		Champion	Theme MS	5	Stone Mountain MS			
Business & Computer Science Engineering & Technology Family & Consumer Science		Engineering & Technology		Business & Computer Science Engineering & Technology				
CTAE Enrollment: 1,307		CTAE Enrollment: 561		CTAE E	CTAE Enrollment: 759			
Work-Based Learning Enrollment								
	Fa	all Semester	Spring Semes	ster				
		39	50					

"We are partnered with hundreds of CTE/CTAE departments across the country, and I can say that the DeKalb County CTAE Department collaborates with business leaders and community stakeholders like none other.

Kudos to the entire DCSD CTAE team!"

Alefiya Master, Founder MAD Learn

REGION 5							
M.L.King, Jr. HS		Miller G	rove HS		SW DeKalb HS		
Career Pathways							
A/V Technology & Film Engineering & Technology Entrepreneurship Graphic Design Navy JROTC Nutrition and Food Science Sports & Entertainment Marketin Web & Digital Design Work-Based Learning	ng	A/V Technology & F Business & Technolo Culinary Arts Early Childhood Engineering & Technolo Entrepreneurship Sports & Entertainm Work-Based Learnin	ogy nology lent Marketing	BusinessComputEngineeEntrepreNavy JRPatient (Program	OTC Care		
	Care	er & Technical S	tudent Organiza	tions			
FBLA FCCLA SkillsUSA TSA VEX Robotics		DECA FBLA FCCLA SkillsUSA TSA VEX Robotics		FBLA FCCLA HOSA SkillsUSA TSA VEX Rob			
		FY2019 C	TAE Data				
Pathway Completers: 242 CTAE Grad Rate: 95.1% Pathway C CTAE Grad		CTAE Enrollment: 69 Pathway Completers: CTAE Grad Rate: 94 . EOPA Pass Rate: 65 9	217 8%	Pathway CTAE Gra	rollment: 737 Completers: 156 ad Rate: 96.2 % ss Rate: 78 %		
		Feeder	Schools				
Salem MS		Miller G	rove MS		Chapel Hill MS		
Business & Computer Science		Business & Computer Science Engineering & Technology Family & Consumer Science		Business & Computer Science			
CTAE Enrollment: 432		CTAE Enrollment: 999 CTA		CTAE E	nrollment: 634		
		Work-Based Lea	rning Enrollment				
	Fa	Fall Semester Spring Semester		ester			
		161	230				

"I have been so impressed by the CTAE students in DeKalb. Their knowledge, passion and maturity are breathtaking!"

Debora Mastin, Coordinator of Academic Partnerships WellStar Health Systems

REGION 6								
Columbia HS	Towers HS	DHST-South	Non-Cluster					
Career Pathways								
 A/V Technology & Film Culinary Arts Early Childhood Engineering & Technology Fashion Merchandising & Retail Management Entrepreneurship Navy JROTC Programming Teaching as a Profession Work-Based Learning 	Air Force JROTC A/V Technology & Film Culinary Arts Engineering & Technology Entrepreneurship Healthcare Science Work-Based Learning	 A/V Technology & Film Auto Maintenance Barbering Cosmetology Cyber Security Law Enforcement Manufacturing Patient Care Teaching as a Profession Work-Based Learning *All programs are cross enrolled	Elizabeth Andrews A/V Technology & Film Digital Design Entrepreneurship Financial Services Marketing Principles Work-Based Learning DeKalb Alternative A/V Technology & Film Business Technology Graphic Arts DECA Engineering & Technology					
	Career & Technical S	tudent Organizations						
DECA FBLA FCCLA SkillsUSA TSA VEX Robotics	FBLA FCCLA SkillsUSA TSA VEX Robotics	FBLA HOSA SkillsUSA TSA VEX Robotic	DECA FBLA TSA					
	FY2019 C	CTAE Data						
CTAE Enrollment: 662 Pathway Completers: 274 CTAE Grad Rate: 91.9% EOPA Pass Rate: 65%	CTAE Enrollment: 460 Pathway Completers: 138 CTAE Grad Rate: 99% EOPA Pass Rate: 42%	CTAE Enrollment: 359 Pathway Completers: 359 CTAE Grad Rate: N/A EOPA Pass Rate: 72% *Data reported at home school	CTAE Enrollment: 271 Elizabeth Andrews: 72 DeKalb Alternative: 176 DECA: 23					
Columbia MS	Bethune MS	N/A	N/A					
Business & Computer Science CTAE Enrollment: 773	Business & Computer Science Engineering & Technology CTAE Enrollment: 905							
Work-Based Learning Enrollment								
	Fall Semester	Spring Semester						
	63	74						

"DCSD students have gotten me excited about our youth and the possibilities that lie within each one of us. Thank you for representing our community so well!"

REGION 7						
Cedar Grove HS		DeKalb Scho	ol of the Arts		McNair HS	
Career Pathways						
Allied Health & Medicine A/V Technology & Film Business & Technology Early Childhood Entrepreneurship Fashion Merchandising & Retail Management Navy JROTC Web & Digital Design Work-Based Learning		A/V Technology & F Business & Compute		CulinaryEngineeEntrepre	hnology & Film Arts ring & Technology	
	Care	eer & Technical S	tudent Organizat	ions		
DECA FBLA FCCLA HOSA SkillsUSA				FBLA HOSA SkillsUS <i>A</i> TSA VEX Rob		
		FY2019 C	TAE Data			
Pathway Completers: 181 Pathw CTAE Grad Rate: 96.2 % CTAE		CTAE Enrollment: 102 Pathway Completers: 22 CTAE Grad Rate: 100% EOPA Pass Rate: 100%		Pathway CTAE Gra	rollment: 600 Completers: 133 ad Rate: 91.6% ss Rate: 57 %	
		Feeder	Schools			
Cedar Grove MS		N ₂	′A		McNair MS	
Business & Computer Science CTAE Enrollment: 417				• Enginee • Family 8	s & Computer Science ring & Technology t Consumer Science prollment: 636	
Work-Based Learning Enrollment						
	Fa	Fall Semester Spring Semester				
		37	41			

"My child is excited about his school's FBLA chapter and consistently talks about their achievements. It is my personal belief that this is a great program which is preparing our students for the future."

Ms. Paula Sanchez, DCSD Parent Redan High School

Work-Based Learning & Youth Apprenticeship Program

Work-Based Learning and Youth Apprenticeship are educational programs that provide students with real-life work experiences where they can apply academic and technical skills and develop their employability." These programs are learning systems that prepare students for work by giving them a combination of classroom instruction and on-the-job training. In this education model, students obtain a set of well-defined occupational abilities by learning concepts in the classroom and applications in a work setting. DeKalb County provides this opportunity to students in every high school throughout the district. Students are also given the opportunity to earn both Georgia Work Ready* and GeorgiaBEST** Certifications.

	2019	-2020 Data			
High School	Student Salaries Earned	Fall Enrollment	Spring Enrollment	Work Ready Certification	GeorgiaBEST Certification
Arabia Mountain	\$215,577.00	71	70	70	70
Cedar Grove	\$36,065.00	24	27	20	24
Chamblee	\$42,252.00	17	17	0	10
Clarkston	\$43,091.00	14	28	32	38
Columbia	\$230,464.00	53	59	58	60
Cross Keys	\$132,668.00	38	42	40	40
Druid Hills	\$93,933.00	65	85	47	61
Dunwoody	\$134,499.00	74	96	0	0
Elizabeth Andrews	\$51,557.00	36	41	25	25
Lakeside	\$145,910.00	47	52	49	49
Lithonia	\$99,568.00	46	60	0	50
Martin Luther King Jr.	\$254,575.00	52	74	0	87
McNair	\$12,001.00	13	14	10	11
Miller Grove	\$131,485.00	61	63	49	10
Redan	\$182,425.00	46	44	0	45
Southwest DeKalb	\$221,712.00	48	73	0	0
Stephenson	\$110,854.00	71	86	0	0
Stone Mountain	\$75,697.00	25	22	42	35
Towers	\$149,517.00	10	15	13	0
Tucker	\$142,006.00	73	77	57	61
Warren Technical Ctr.	0	25	26	0	0
TOTAL	\$2,348,820.00	909	1,071	502	676



2019-2020 JROTC Unit Awards

Air Force

Distinguished Unit Award (DUA)
Lakeside High School
McNair High School
Tucker High School

Army

Honor Unit w Distinction Chamblee High School Miller Grove High School

Navy

Distinguished Unit Award Cedar Grove High School Southwest DeKalb High School

Unit Achievement Award
Columbia High School
Martin Luther King, Jr. High School

Career and Technical Student Organizations Work for DeKalb's Youth

The development of positive personal qualities and leadership is a vital component in career success. In CTAE programs, this development is achieved through a variety of methods, which include Career and Technical Student Organizations (CTSOs). CTSOs are designed to enhance career technical and agricultural education programs at middle and high schools, provide career and leadership development through peer interactions, adult mentoring, and competitions based on knowledge and skills learned in the classroom

Benefits of Membership:

- Career Exploration
- Community Service
- Leadership Conferences
- Networking
- · Professional Development
- Scholarships
- Publications



CTI Career and Technical Instruction

https://georgiacti.org/ Fall Leadership Conference: 10



DECA Distributive Education Club of America

http://www.deca.org Total members: 512 FLC: 21 Region: 99 State Conference: 75 National Conference: 35



FBLA Future Business Leaders of America-Phi Beta Lambda

http://fbla-pbl.org Total members: 1,415 FLC: 161 Region: 560 State: 198 National Conference: 10



FCCLA Family, Career, and Community Leaders of America, Inc.

http://www.fcclainc.org Total members – 5,653 FLC: 116 Regionals: 211

State: *N/A National Conference: *N/A



FFA Future Farmers of America

http://www.ffa.org Total members: 83 Regionals: 63 State Conference: 37

National Conference: *N/A



HOSA Health Occupations Students of America

http://www.hosa.org Total Members: 487 FLC: 83 Regionals: 173

National Conference: 12



SkillsUSA http://www.skillsusa.org

Total members: 378 FLC: 82 Regionals: 110 State: 134



TSA Technology Student Association

https://tsaweb.org Total Members: 8,209 CORE: 176 FLC: 412

State Conference: 619 National Conference: *N/A



FIRST Robotics http://www.usfirst.org/roboticsprograms/frc

Elementary School Teams: 62 Middle School Teams: 18 Total Teams: 80 178 FLL Awards 2019-20 School Year

VEX.

VEX Robotics http://www.vexrobotics.com/

Total HS Teams: 58 State Championship Teams: 19 World Qualifying Teams: 5

213 VEX Robotics Awards 2 State Champions 2 World Invites



Career, Technical & Agricultural Education

DeKalb County School District Board of Education

Mrs. Vickie B. Turner, Board Chair (District 5)

Mr. Diijon DaCosta, Vice Chair (District 6)

Mr. Marshall D. Orson, Board Member (District 2)

Mrs. Deirdre P. Pierce, Board Member (District 3)

Mrs. Allyson Gevertz, Board Member (District 4)

Mrs. Anna Hill, Board Member (District 1)

Dr. Joyce Morley, Board Member (District 7)

DeKalb County School District Superintendent

Mrs. Cheryl Watson-Harris

Career Technical and Agricultural Education Staff

Dr. Paul Camick, Director

Mrs. Myra Stewart, Administrative Assistant

Mrs. Novelette Crosby, Administrative Assistant

Mrs. Jacqueline Neal, Youth Apprenticeship/Instructional Coordinator

Ms. Marilynn Hollis, Instructional Coordinator

Mr. Thomas McFerrin, Instructional Coordinator

Mr. Eric Knapp, Instructional Coordinator

DeKalb County School District

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