

Potential Career Pathways and Dual Enrollment
GCCAP19 – Form F

Pathway Name	Course Name(s) (Include all required courses as well as related courses)	Will the course be taught as a Dual Enrollment course? (Yes or No)	Related Industry in Community (Name and Type)	Is this a High-Demand Career? (Yes or No)
Diesel Electrical / Electronic System Technician (Dual Enrollment TCC) (Currently Offering)	DIET 1000 - Introduction to Diesel	Yes	L&S Diesel, LLC (Transportation)	Yes
	DIET 1010 – Diesel Electrical / Electronic Systems	Yes	Dekle’s Diesel Repairs (Transportation)	
		-	Chris’s Truck Repair (Transportation)	
		-	Hook’s Ag Repair & Svc Mobile Diesel	
		-	Terwilliger Tire & Ag (Transportation)	
Diesel Engine Service Technician (Dual Enrollment TCC) (Currently Offering)	DIET 1000 – Introduction to Diesel	Yes	L&S Diesel, LLC (Transportation)	Yes
	DIET 1010 – Diesel Electrical / Electronic Systems	Yes	Dekle’s Diesel Repairs (Transportation)	
		-	Chris’s Truck Repair (Transportation)	
		-	Hook’s Ag Repair & Svc Mobile Diesel	
		-	David Marsh Mobile Mechanic Terwilliger	
Basic Machinist (Dual Enrollment TCC) (Currently Offering)	MATH 1012 – Foundations of Mathematics	Yes	Nordson Corporation (Architecture & Construction) + (Adv MFG)	Yes
	MCHT 1011 – Intro to Machine Tool	Yes	Jemison Metals (Architecture & Construction) + (Adv MFG)	
	MCHT 1012 – Print Reading for Machine Tool	Yes	Southeast Machines (Architecture & Construction) + (Adv MFG)	
		-	Ogeechee Steel, Inc (Architecture & Construction) + (Adv MFG)	

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Welding Blueprint Reading (Dual Enrollment TCC) (Currently Offering) (Locally Developed)	WELD 1000 – Introduction to Welding Technology	Yes	JAB-O Metal Fabrication (Adv MFG)	Yes
	WELD 1010 – Oxyfuel & Plasma Cutting	Yes	American Steel Components (Adv MFG)	
	WELD 1030 – Blueprint Reading for Welding Technology	Yes	Ogeechee Steel Inc (Adv MFG)	
		-	Jemison Metals (Adv MFG)	
		-	Swainsboro Saw Works (Adv MFG)	
Basic Shielded Metal Arc Welder (Dual Enrollment TCC) (Currently Offering)	WELD 1000 – Introduction to Welding Technology	Yes	JAB-O Metal Fabrication (Adv MFG)	Yes
	WELD 1010 – Oxyfuel & Plasma Cutting	Yes	American Steel Components (Adv MFG)	
	WELD 1040 – Flat Shielded Metal Arc Welding	Yes	Ogeechee Steel Inc (Adv MFG)	
		-	Jemison Metals (Adv MFG)	
		-	Swainsboro Saw Works (Adv MFG)	
Gas Metal Arc Welder (Dual Enrollment TCC) (Currently Offering)	WELD 1000 – Introduction to Welding Technology	Yes	JAB-O Metal Fabrication (Adv MFG)	Yes
	WELD 1010 – Oxyfuel & Plasma Cutting	Yes	American Steel Components (Adv MFG)	
	WELD 1030 – Blueprint Reading for Welding Technology	Yes	Ogeechee Steel Inc (Adv MFG)	
	WELD – 1090 Gas Metal Arc Welder	Yes	Jemison Metals (Adv MFG)	
		-	Swainsboro Saw Works (Adv MFG)	

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Flux Cored Arc Welder (Dual Enrollment TCC) (Currently Offering)	WELD 1000 – Introduction to Welding Technology	Yes	JAB-O Metal Fabrication (Adv MFG)	Yes
	WELD 1010 – Oxyfuel & Plasma Cutting	Yes	American Steel Components (Adv MFG)	
	WELD 1030 – Blueprint Reading for Welding Technology	Yes	Ogeechee Steel Inc (Adv MFG)	
	WELD 1153 – Flux Cored Arc Welder	Yes	Jemison Metals (Adv MFG)	
		-	Swainsboro Saw Works (Adv MFG)	
Engineering and Technology (High School CTAE Courses) (Currently Offering)	21.42500 Foundations of Engineering and Technology	No	Crider Foods (Science, Technology, ENG & Math)	Yes
	21.47100 Engineering Concepts	No	Nordson Corporation (Science, Technology, ENG & Math)	
	21.47200 Engineering Applications	No	Jemison Metals (Science, Technology, ENG & Math)	
		-		
		-		
Small Business Development Basics (Dual Enrollment TCC) (Currently Offering) (Locally Developed)	BUSN 1050 – Employability and Professional Skills	Yes	Any local business OR graduates who wish to start their own business	Unsure
	MKTG 1164 – Business Skills for the Customer	Yes	Any local business OR graduates who wish to start their own business	
	BUSN 1020 – Small Business Entrepreneurship Basics	Yes	Any local business OR graduates who wish to start their own business	
	BUSN 1025 – Social Media Communications for Small Business	Yes	Any local business OR graduates who wish to start their own business	

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Salon and Spa Support Specialist (Dual Enrollment TCC) (Currently Offering)	COSM 1000 - Introduction to Cosmetology Theory	Yes	Southern Gents (Salon)	No
	COSM 1020 – Hair Care and Treatment	Yes	Changes (Beauty and Salon)	
	COSM 1120 – Salon Management	Yes	Pam’s House of Designs (Salon)	
	EMPL 1000 – Interpersonal Relations & Prof Development	Yes	Main Street Styles (Salon)	
Cybersecurity Fundamentals (Traditional TCC) (Currently Offering) DE students enroll w/ traditional students	CIST 1101 – Computer Concepts	Yes	Emanuel County School Systems (Education)	Yes
	CIST 1122 – Hardware Installation and Maintenance	Yes	Emanuel Medical Center (Health Care)	
	CIST 1601 – Information Security Fundamentals	Yes	Citizens Bank (almost all local banks)	
	CIST 1602 – Security Policies & Proc	Yes	Many cybersecurity specialists are now hired remotely as well	
	CIST 2451 – Intro to Networks	Yes	East Georgia Health Care (EGHC)	
Early Childhood Care & Education (Traditional TCC) (Currently Offering) DE students enroll w/ traditional students	ECE 1101 – Intro to Early Childhood Care & Education	Yes	Kiddie Campus Learning Center	No
	ECCE 1103 – Child Growth & Devel	Yes	Kings Child Care and Learning Academy	
	ECCE 1105 – Health, Safety & Nutrition	Yes	Little Treasures Learning Center	
		-	Allison’s Learning Center	
		-	Kids R Kids	

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Introduction to Criminal Justice (Traditional TCC) (Currently Offering) DE students enroll w/ traditional students	CRJU 1010 – Introduction to Criminal Justice	Yes	Emanuel County Sheriff	Yes
	CRJU 1030 – Corrections	Yes	Swainsboro Police Department	
	CRJU 1040 – Principles of Law Enforcement	Yes	Emanuel County Jail	
	CRJU 2050 – Criminal Procedure	Yes	Emanuel Women’s Facility	
			Emanuel Probation Facility	
Accounting Fundamentals (Traditional TCC) (Currently Offering) DE students enroll w/ traditional students	COMP 1000 – Intro to Computer Literacy	Yes	Stacie W. Avery Accounting	Unsure
	ACCT 1100 – Financial Accounting I	Yes	Pittman Gary CPA	
	ACCT 1120 – Spreadsheet Applications	Yes	Security Finance	
	ACCT 1125 – Individual Tax Accounting	Yes	Hall’s Tax Preparation Services	
Customer Contact Specialist (Traditional TCC) (Currently Offering) DE students enroll w/ traditional students	MGMT 1120 – Introduction to Business	Yes	Walmart (Retail)	Unsure
	MGMT 2205 – Service Sector Management	Yes	Piggly Wiggly (Grocery Retail)	
	MGMT 2410 – Change and Career Management	Yes	Durden Bank, Citizens Bank, Robins Federal Credit Union) (Financial)	
		-	Almost any local businesses that deal with customers	

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Certified Nursing Assistant (CNA) (Dual Enrollment TCC) (Currently Offering)	ALHS 1040 - Introduction to Healthcare	Yes	Emanuel Medical Center (Health Care)	Yes
	NAST 2100 – Nurse Aide Accelerated	Yes	Summer Willow Nursing Home (Health Care)	
		-		
		-		
New Pathway Began fall 2026 General Industry Materials Handling Specialist (Dual Enrollment TCC)	GIMH 1101 - Introduction to OSHA 10 General Industry Standards	Yes	Nordson Corporation (Architecture & Construction) + (Adv MFG)	Yes
	GIMH 1102 - Manufacturing and Warehouse Materials Handling	Yes	Jemison Metals (Architecture & Construction) + (Adv MFG)	
		-	JAB-O Metal Fabrication (Adv MFG)	
		-	Crider Foods (Food processor)	
		-	American Steel Components (Adv MFG)	
New Pathway Began fall 2026 Residential Wiring (Dual Enrollment TCC)	ELTR 1020 - Alternating Current Fundamentals	Yes	Altamaha EMC (Rural Electric Membership Corp)	Yes
	ELTR 1060 - Electrical Prints, Schematics & Symbols	Yes	McGee Plumbing and Electric	
	ELTR 1205 - Residential Wiring I	Yes	Archie's Electric	
	ELTR 1210 Residential Wiring II	Yes	Patriot's Electric	
	IDFC 1007 Industrial Safety Procedures	Yes	Almost all MFG (and other) facilities	

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New Pathway Began fall 2026 Paraprofessional Education (Dual Enrollment TCC)	EDUC 2110 - Investigating Critical & Contemporary Issues in Education	Yes	Emanuel County School System (Preschools)	Yes
	EDUC 2120 - Exploring Sociocultural Persp & Diversity in Educ. Context	Yes	Emanuel County School System Primary Schools	
	EDUC 2130 - Exploring Teaching and Learning	Yes	Emanuel County School System (Middle Schools)	
	EDUC 2210 – Parapro Internship	Yes	Emanuel County School System (HS)	
	EDUC 2220 – Education Review	Yes	Emanuel County Institute (k-12)	
FUTURE Pathway Begins spring 2027 Basic sUAS-Drone Technology (Dual Enrollment TCC)	AVOT 2001 - UAS Concepts	Yes	Drones from the Boro	Yes
	AVOT 2003 - Aviation Meteorology and National	Yes	Marcus – Drone Brothers	
	AVOT 2103 - Small Unmanned Aircraft System	Yes	Atmosphere Drones	
		-	* Also used by local farmers, timber	
		-		
FUTURE Pathway Begins spring 2027 Basic Heavy Equipment Operator (Dual Enrollment TCC)	EQOP 1000 - Introduction to Heavy Equipment Safety	Yes	Emanuel County Road Department	Yes
	EQOP 1001 - Introduction to Heavy Equipment	Yes	Thompson Grading, Inc	
	EQOP 1002 - Heavy Equipment Operation Basics	Yes	Donaldson Surveyors	
		-	Yoemans Wood and Timber, Inc	

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FUTURE Pathway Will Begin fall 2027 Practical Nursing Essentials (Dual Enrollment TCC)	ALHS 1040 – Introduction to Healthcare	Yes	Emanuel Medical Center Nursing Home (Health Care)	Yes
	ALHS 1090 – Medical Terminology for AHS	Yes	East Georgia Healthcare Center (Health Care)	
	ALHS 1011 – Structure and Function of the Body	Yes	Summer Willow Nursing Home (Health Care)	
		-	Twin View Health and Rehab (Health Care)	
		-	Pruitthealth (Health Care)	
FUTURE Pathway Will Begin fall 2027 Emergency Medical Responder (EMR) (Dual Enrollment TCC)	ALHS 1090 – Medical Terminology for AHS	Yes	Emanuel Medical Center (Health Care)	Yes
	ALHS 1011 – Structure and Function of the Body	Yes	Emanuel County EMS (Health Care)	
	EMSP 1010 – Emergency Medical Responder	Yes	Georgia Medicaid Non-Emergency Medical Transportation (NEMT)	
		-	East Georgia Healthcare Center (Health Care)	

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If the Georgia College and Career Academy Grant 19 is awarded to EDGE CCA, the following programs will be implemented:

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Future Program Mechatronics Specialist (AM11) (Dual Enrollment TCC)	UMF 1150 - Intro to Robotics	Yes	Nordson Corporation (Architecture & Construction) + (Adv MFG)	Yes
	ELCR 2140 - Mechanical Devices	Yes	Jemison Metals (Architecture & Construction) + (Adv MFG)	
	ELCR 2150 - Fluid Power	Yes	Southeast Machines (Architecture & Construction) + (Adv MFG)	
	IDSY 1160 - Mechanical Laws and Principles	Yes	Ogeechee Steel, Inc (Architecture & Construction) + (Adv MFG)	
Future Program NCCER Carpentry Fundamentals (CF21) (Dual Enrollment TCC)	COFC 1080 – Construction Trades Core	Yes	Dream Home Builders of Swainsboro	Yes
	CARP 1000 – Fundamental Carpentry Skills	Yes	Handi House MFG Company	
	CARP 1015 – Structural Framing	Yes	David Barnett Construction	
	CARP 1020 – Structural Framing II	Yes		
Future Program NCCER Basic Electrical Systems Tech (Dual Enrollment TCC)	COFC 1080 – Construction Trades Core	Yes	Archie's Electric	Yes
	ELTR 1000 - Fundamental Electrical Concepts	Yes	Ponce Electric, Inc	
	ELTR 1015 Intermediate Electrical Concepts I	Yes	McGee Plumbing and Electric	
		-		
		-		

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Future Program NCCER Plumbers Assistant (BP11) (Dual Enrollment TCC)	COFC 1080 – Construction Trades Core	Yes	McGee Plumbing and Electric	Yes
	PLBG - 1005 Plumbing Fundamentals I	Yes	Kenny Ethridge Plumbing	
	PLBG - 1015 Plumbing Fundamentals II	Yes	Mr. Flush Plumbing	
		-		