



Technical College System of Georgia

ADVANCED MANUFACTURING

A group of programs that prepares individuals to apply technical knowledge and skills necessary for the manufacturing industry. Includes instruction in installation, operation, troubleshooting, and repairing of electrical equipment, industrial wiring, control devices, PLC's, pneumatic and hydraulic systems, and automation systems.



TREND DATA

	2021	2022	2023
ENROLLMENT	6,715	6,931	7,183
AWARDS	7,492	7,487	7,689
GRADUATES	3,426	3,383	3,633

AWARDS BY LEVEL: 2021-2023

TECHNICAL CERTIFICATES OF CREDIT	TCSG DIPLOMAS	ASSOCIATE DEGREES
20,052	1,961	655

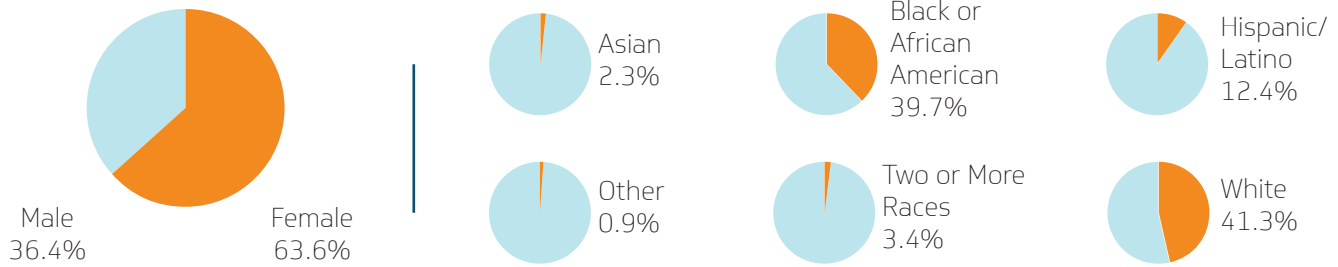
COLLEGES OFFERING

Albany	Northwestern	Southeastern
Athens	Georgia Piedmont	Southern Crescent
Atlanta	Gwinnett	Southern Regional
Augusta	Lanier	West Georgia
Central Georgia	North Georgia	Wiregrass Georgia
Chattahoochee	Oconee Fall Line	
Coastal Pines	Ogeechee	
Columbus	Savannah	
Georgia	South Georgia	

PROGRAMS INCLUDED

Advanced General Machinist	Industrial Instrumentation Technician	Metals Technician
Advanced Manufacturing Systems Technology	Industrial Machining Technician	Metrology
Advanced PLC and HMI Technology II	Industrial Maintenance	Mill Operator
Advanced Shielded Metal Arc Welder	Industrial Mechanical Systems	NCCER Welding Technology
Automation and Robotics Technician	Industrial Motor Controls Technician	Ornamental Iron Fabricator
Basic Metal Fabricator	Industrial Pumping and Piping Technician	Physical Metrology Technician
Calibration Technician	Industrial Systems Mechanic	Pipe Shielded Metal ARC Welding
Certified Production Technician	Industrial Systems Technology	Pipe Welder
CNC and Machine Tool Technology	Instrumentation and Controls Technician	Precision Machining and Manufacturing
Die Maintenance Technician	Introduction to Motor Controls	Precision Manufacturing and Maintenance
Electrical Control Systems	Lathe Operator	Process Control Technician
Electrical Maintenance Technician	Machine Tool Technology	Programmable Control Technician
Electro-Mechanical Technician	Manufacturing Maintenance Technician	Robotic Technician
Electronic Metrology Technician	Manufacturing Production Assistant	Tool and Die Specialist
Flooring Production Operator	Manufacturing Systems Technology	Welding and Joining Technology
Flux Cored Arc Welder	Mechanical Maintenance Technician	Welding Blueprint Reading
Fundamentals of Robotics	Mechatronics Technology	
Gas Metal Arc Welding		
Industrial Electrician		
Industrial Fluid Power Technician		

DEMOGRAPHICS *SYSTEM OVERALL*

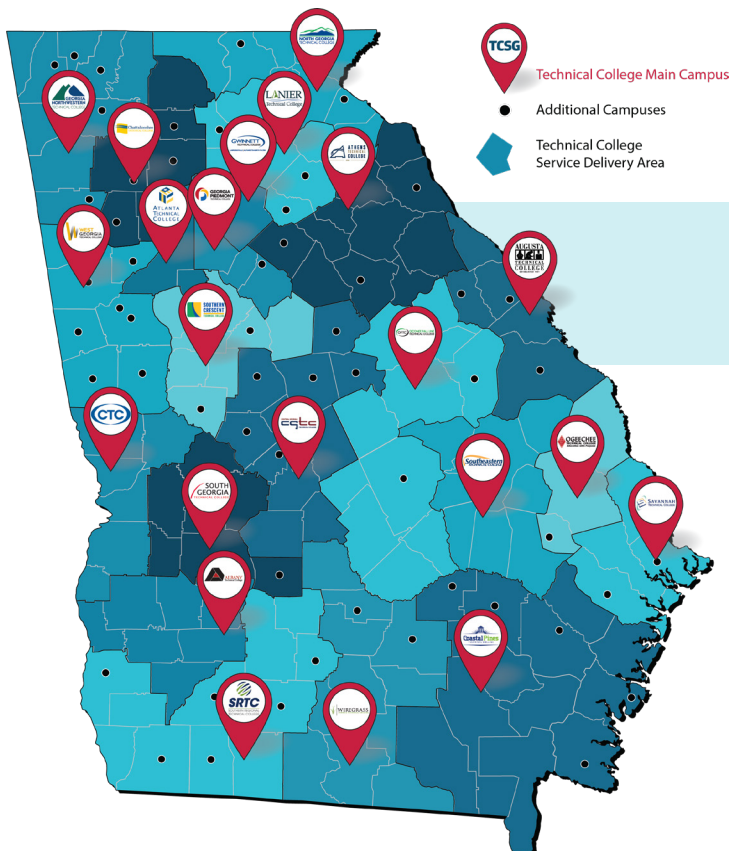


FINANCIAL AID

The HOPE Career Grant provides Free Tuition for students that enroll in one of 18 High Demand career fields. It also helps Georgia's employers by creating a pipeline of skilled workers they can hire well into the future. In addition, many technical college students of all ages in Diploma and Technical Certificate programs have unique access to tuition assistance for workforce credentials. Georgia's HOPE Grant (a separate program from the HOPE Scholarship) is available to Georgia residents who are working towards a certificate or diploma at an eligible college in Georgia.

TCSG GRADUATE GUARANTEE

To demonstrate confidence in and commitment to quality technical education programs which are relevant, current, and responsive to the stated expectations of Georgia's businesses and industries TCSG guarantees every graduate from a technical certificate of credit, diploma or associate degree program. The TCSG warranty guarantees that the graduate has demonstrated the knowledge and skills and can perform each competency as identified in the industry-validated Standard or Program Guide, and any program graduate who is determined to lack such competence will be retrained at no cost to the employer or graduate for tuition or instructional fees.



88 CAMPUS LOCATIONS ACROSS GEORGIA



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