



Technical College System of Georgia

INDUSTRIAL SYSTEMS

The Industrial Systems Technology program is designed for the student who wishes to prepare for a career as an Industrial Systems technician/ electrician. The program provides learning opportunities that introduce, develop and reinforce academic and technical knowledge, skill, and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to retrain or upgrade present knowledge and skill. The program teaches skills in Industrial Systems Technology providing background skills in several areas of industrial maintenance including electronics, industrial wiring, motors, controls, plc's, instrumentation, fluid power, mechanical, pumps and piping, and computers.



TREND DATA

| | 2021 | 2022 | 2023 |
|-------------------|-------|-------|-------|
| ENROLLMENT | 1,572 | 1,414 | 1,338 |
| AWARDS | 2,085 | 1,785 | 1,560 |
| GRADUATES | 806 | 724 | 622 |

AWARDS BY LEVEL: 2021-2023

| TECHNICAL CERTIFICATES OF CREDIT | TCSG DIPLOMAS | ASSOCIATE DEGREES |
|--|------------------|----------------------|
| 4,478 | 462 | 490 |

COLLEGES OFFERING

Albany
Athens
Atlanta
Augusta
Central Georgia
Chattahoochee

Coastal Pines
Columbus
Georgia Northwestern
Georgia Piedmont
Gwinnett
Lanier

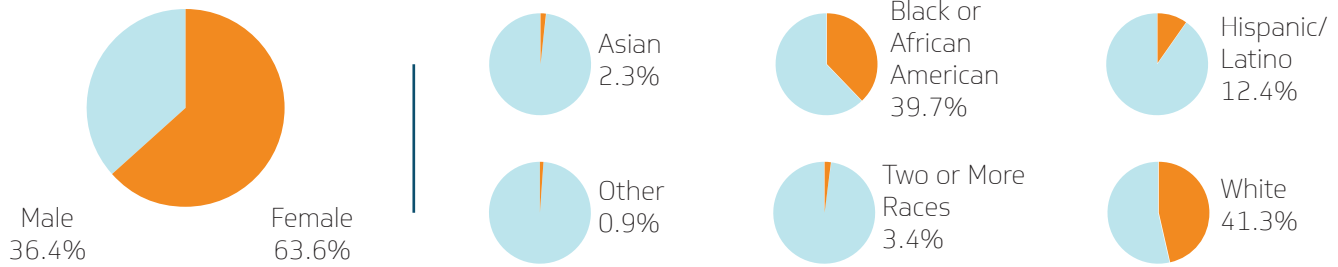
North Georgia
Oconee Fall Line
Ogeechee
Savannah
South Georgia
Southeastern

Southern Crescent
Southern Regional
West Georgia
Wiregrass Georgia

PROGRAMS INCLUDED

| | | |
|---|--|---|
| Advanced Manufacturing Systems Technology | Industrial Maintenance and Electrical Technology | Mechanical Maintenance Technician |
| Advanced PLC and HMI Technology II | Industrial Maintenance Fundamentals | Mechatronics Technology |
| Basic Mechatronics Specialist | Industrial Maintenance Systems Technology | NCCER Industrial Maintenance Technician |
| Basic Mechatronics Technician | Industrial Maintenance Technician | Precision Manufacturing |
| Certified Production Technician | Industrial Mechanical Systems | Process Control Technician |
| Electrical Control Systems | Industrial Mechatronics | Programmable Control Technician |
| Electrical Maintenance Technician | Industrial Motor Controls Technician | Robotic Technician |
| Electro-Mechanical Technician | Industrial Pumping and Piping Technician | |
| Flooring Production Operator | Industrial Systems Fundamentals | |
| Fundamentals of Robotics | Industrial Systems Mechanic | |
| Industrial Electrical Assistant | Industrial Systems Technology | |
| Industrial Electrician | Introduction to Motor Controls | |
| Industrial Fluid Power Technician | Manufacturing Maintenance Fundamentals | |
| Industrial Instrumentation Assistant | | |

DEMOGRAPHICS *SYSTEM OVERALL*

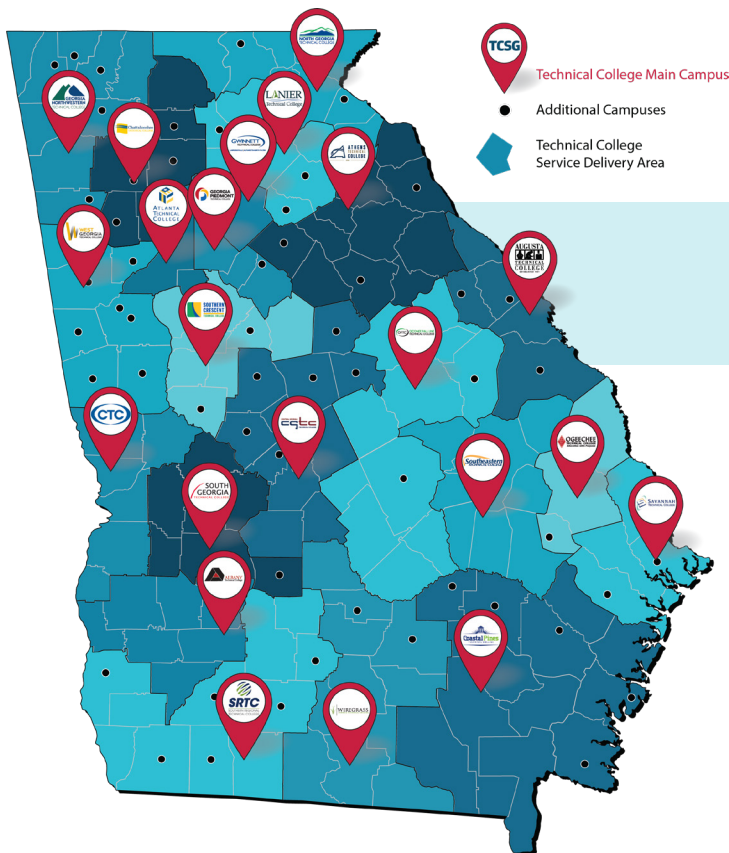


FINANCIAL AID

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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