

Programs of Study

For more information about each program, including required classes, minimum age requirements, and program locations, visit www.centralgatech.edu/programs-of-study and click on the program that you are interested in.

Associate Degree Programs

Aerospace, Trade and Industry

Aviation Maintenance
 Cabinetmaking
 Carpentry
 Construction Management Technology
 Residential Specialization
 Drafting Technology
 Architectural Specialization
 Mechanical Specialization
 Electronics Technology
 Biomedical Instrumentation Specialization
 Communication Electronics Specialization
 Field Occupation Specialization
 Engineering Technology
 Electrical Engineering Specialization
 Industrial Engineering Specialization
 Mechanical Engineering Specialization
 Geographic Information Systems
 Industrial Systems Technology
 Instrumentation and Controls
Metrology[^]

Business and Computer Technologies

Accounting⁺
Applied Technical Management⁺
Banking and Finance⁺
Business Management⁺
 General Management Specialization
 Human Resources Management Specialization
 Logistics Specialization
 Operations Management Specialization
 Property Management Specialization
 Service Sector Management Specialization
 Small Business Management Specialization
Business Technology⁺
Computer Programming⁺
Computer Support Specialist⁺
 Design and Media Production Technology
 Post Production Specialization
 Hotel/Restaurant/Tourism Management
Information Technology Professional⁺
 Logistics Management
Marketing Management⁺
 E-Business Specialization
 Entrepreneurship Specialization
 Marketing Management Specialization
 Professional Selling Specialization
 Retail Management Specialization
 Social Media Marketing Specialization
 Sports Marketing Specialization
Networking Specialist⁺
 Cisco Exploration Specialization
 Linux/Unix Specialization
 Microsoft Specialization
 Sports and Fitness Management
Web Site Design/Development⁺

General Studies

AAS Interdisciplinary Studies
Technical Studies⁺

Health Sciences

Advanced Medical Imaging
 Associate of Science in Nursing
 Biotechnology
 Cardiovascular Technology
 Clinical Laboratory Technology
 Dental Hygiene
 Echocardiography
 Medical Assisting
 Orthopedic Technology
 Paramedicine
 Physical Therapist Assistant
 Radiologic Technology

Public Safety and Professional Services

Criminal Justice Technology
 Early Childhood Care and Education
 Exceptionalities Specialization
 Infant Toddler Development Specialization
 Paraprofessional Specialization
 Program Administrator Specialization
 Paralegal Studies

Diploma Programs

Aerospace, Trade and Industry

Air Conditioning Technology[^]
 Aircraft Structural Technology[^]
 Automotive Collision Repair[^]
 Refinishing Specialization
 Automotive Fundamentals[^]
 Automotive Technology[^]
 Aviation Maintenance[^]
 Cabinetmaking[^]
 Carpentry[^]
 Construction Management Technology
 Drafting Technology[^]
 Architectural Drafting Specialization
 Mechanical Drafting Specialization
 Electrical Controls Systems[^]
 Electrical Systems Construction and Maintenance[^]
 Electronics Fundamentals[^]
 Electronics Technology[^]
 Biomedical Instrumentation Specialization
 Communication Electronics Specialization
 Field Occupation Specialization
 Geographic Information Systems[^]
 Industrial Mechanical Systems[^]
 Industrial Systems Technology[^]
 Precision Machine and Manufacturing
 Machine Tool Technology[^]
Metrology⁺
 Welding and Joining Technology[^]

Business and Computer Technologies

Accounting[^]
Banking and Finance[^]
Business Management[^]
Business Technology[^]
 Business Administrative Assistant Specialization
 Medical Administrative Assistant Specialization
Computer Programming[^]
Computer Support Specialist[^]
 Design and Media Production Technology[^]
 Post Production Specialization
 Hotel/Restaurant/Tourism Management[^]
Information Technology Professional[^]
 Logistics Management[^]
Marketing Management[^]
 E-Business Specialization
 Entrepreneurship Specialization
 Marketing Management Specialization
 Professional Selling Specialization
 Retail Management Specialization
 Social Media Marketing Specialization
 Sports Marketing Specialization
Networking Specialist[^]
 Cisco Exploration Specialization
 Linux/Unix Specialization
 Microsoft Specialization
 Sports and Fitness Management[^]
Web Site Design/Development[^]

Health Sciences Programs

Dental Assisting[^]
 EMS Professions[^]
 Hemodialysis Technologist[^]
 Medical Assisting[^]
 Paramedicine[^]
 Pharmacy Technology[^]
 Polysomnography[^]
 Practical Nursing[^]
 Surgical Technology[^]

Public Safety and Professional Services

Barbering[^]
 Cosmetology[^]
 Criminal Justice Technology[^]
 Early Childhood Care and Education[^]

Technical Certificate Programs

Aerospace, Trade and Industry

Advanced CAD Technician[^]
 Architectural Drafting Specialization
 Mechanical Drafting Specialization
 Advanced Carpentry
 Advanced Shielded Metal Arc Welder
 Air Conditioning Electrical Technician
 Air Conditioning Technician Assistant



Technical Certificate Programs (continued)

Aircraft Assembly Technician
Automotive Chassis Technician Specialist[^]
Automotive Climate Control Technician
Automotive Collision Repair Assistant I
Automotive Electrical/Electronic Systems Technician
Automotive Engine Performance Technician[^]
Automotive Engine Repair Technician
Automotive Transmission/Transaxle Technician Specialist[^]
Aviation Maintenance Technician[^]
Aviation Maintenance Technician - Airframe[^]
Aviation Maintenance Technician - Powerplant[^]
Basic Electrical Systems Technician
Basic Electronic Assembler
Basic Machining Operator[^]
Basic Machinist
Basic Shielded Metal Arc Welder
Cabinetmaking Assembly Technician
CAD Operator^{^,^}
 Architectural Drafting Specialization
 Mechanical Drafting Specialization
Calibration Technician^{^,^}
Carpentry Fundamentals
Carpentry Technology
CNC Specialist[^]
Commercial Straight Truck and Passenger Driving
Commercial Truck Driving
Diesel Truck Maintenance Technician[^]
Drafter's Assistant[^]
Electrical Maintenance Technician[^]
Electronic Metrology Technician[^]
Engineering Technician
 Electrical Engineering Specialization
 Industrial Engineering Specialization
 Mechanical Engineering Specialization
Engineering Technology Basics[^]
Gas Metal Arc Welder
Gas Tungsten Arc Welder
GIS Technology^{^,^}
Industrial Electrician
Industrial Fluid Power Technician
Industrial Motor Control Technician
Instrumentation and Controls Technician I[^]
Intermediate Electrical Systems Technician
Lathe Operator
Mechanical Maintenance Technician[^]
Mill Operator
Physical Metrology Technician^{^,^}
Pipe Welder
Programmable Control Technician I
Residential Air Conditioning Technician[^]
Residential/Industrial Wiring[^]
Specialty Electrical Services[^]
Vertical Shielded Metal Arc Welding Fabricator

Business and Computer Technologies

Administrative Office Specialist^{^,^}
Administrative Support Assistant^{^,^}
Auditing and Assurances Specialist^{^,^}
Cisco CCNP Network Specialist[^]
Cisco Network Specialist[^]
CompTIA A+ Certification Prep
CompTIA A+ Certified Technician Prep[^]
Computer Hardware Specialist[^]

Computerized Accounting^{^,^}
Design and Media Production Specialist
Entrepreneurship[^]
Help Desk Specialist^{^,^}
Hospitality Operations Associate
Human Resource Management Specialist^{^,^}
Inventory Control Technician[^]
Java Programmer^{^,^}
Legal Administrative Assistant^{^,^}
Management and Leadership Specialist^{^,^}
Medical Billing Clerk^{^,^}
Medical Front Office Assistant^{^,^}
Medical Language Specialist^{^,^}
Microsoft Excel Applications Specialist[^]
Microsoft Networking Administrator^{^,^}
Microsoft Office Application Professional^{^,^}
Microsoft Word Application Professional[^]
Microsoft Word Application Specialist[^]
Motion Graphics Assistant[^]
Network Administrator^{^,^}
Network Technician[^]
Office Accounting Specialist[^]
Payroll Accounting Specialist^{^,^}
PC Repair and Network Technician^{^,^}
Purchasing Technician^{^,^}
Service Sector Management Specialist^{^,^}
Small Business Management Specialist^{^,^}
Sports and Fitness Management Specialist[^]
Tax Preparation Specialist^{^,^}
Technical Management Specialist^{^,^}
Warehouse and Distribution Technician^{^,^}
Web Site Designer^{^,^}
Web Site Developer^{^,^}

General Studies

Technical Specialist[^]

Health Sciences

Advanced Central Sterile Processing Technician[^]
Advanced Emergency Medical Technician
Biotechnology Laboratory Assistant[^]
Computed Tomography Specialist[^]
Electrocardiographic Technician[^]
Emergency Medical Technician[^]
Health Care Assistant^{^,^}
 Certified Personal Trainer Specialization
 Electrocardiography Specialization
 Medical Coding - Option 1 Specialization
 Medical Coding Assistant Insurance Data - Option 2 Specialization
 Medical Front Office Specialization
 Nurse Aide Specialization
 Phlebotomy Specialization
Hemodialysis Patient Care Specialist[^]
Hemodialysis Reuse/Reprocessing Technician[^]
Magnetic Resonance Imaging Specialist[^]
Medical Coding^{^,^}
Medical Skin Care Specialist
Nurse Aide
Patient Care Assisting[^]
Phlebotomy Technician[^]
Prehospital EMS Operations[^]

Public Safety and Professional Services

Advanced Legal Assistant^{^,^}
Barber II
Barbering for Cosmetologists[^]

Barbering Instructor Training[^]
Cosmetology Instructor Training
Crime Scene Fundamentals
Criminal Justice Fundamentals[^]
Criminal Justice Specialist[^]
Early Childhood Care and Education Basics[^]
Early Childhood Exceptionalities[^]
Early Childhood Program Administration[^]
Hair Designer
Infant/Toddler Child Care Specialist[^]
Legal Issues for Criminal Justice
Selected Topics for Criminal Justice

Offered only to Dual Enrollment* and/or Department of Corrections** students

Advanced Comp TIA A+ Certified Technician Preparation[^]
Animal Healthcare Assistant**
Advanced Computer TIA A+ Certified Technician[^]
Alternative Energy Fundamentals
Automotive Maintenance and Light Repair Technician[^]
Banking and Finance Specialist[^]
Barbering Assistant[^]
Barbering Fundamentals[^]
Business and Customer Service Technology**
Certified Construction Worker* **
Cisco Network Specialist[^]
CompTIA A+ Certified Preparation[^]
Culinary Nutrition Assistant[^]
Early College Essentials[^]
Electro-Mechanical Technician**
Emergency Medical Responder[^]
Food Production Worker[^]
Foundations of Computer Programming[^]
Help Desk Specialist[^]
Introduction to Criminal Justice[^]
Introduction to Motor Controls[^]
Introduction to Web Design[^]
Java Programmer[^]
LINUX/UNIX System Administrator[^]
Medical Assisting Receptionist[^]
Microsoft Network Administration[^]
Network Technician[^]
Pharmacist's Assistant[^]
Prep Cook* **
Residential/Commercial Plumbing Technician**
Shampoo Technician* **

Online Classes

+ The course and specializations (if applicable) are offered 100% online.

Gainful Employment

[^] CGTC provides gainful employment information about this program to help students and their families make better informed decisions about higher education. This information is available for each program online at www.centralgatech.edu/gainfulemployment.

Time for Program Completion

Associate degree programs usually take two years to complete, diploma programs take 18 months to complete, and technical certificate programs take less than a year to complete (for full-time students taking 12 or more credit hours per semester; exceptions apply).