

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 Technology
 Cabinetmaking
 Carpentry
 Construction Management Technology
 Residential Specialization
 Electronics Technology
 Biomedical Instrumentation Specialization
 Communication Electronics Specialization
 Field Occupation Specialization
 Engineering Technology
 Electrical Engineering Specialization
 Industrial Engineering Specialization
 Mechanical Engineering Specialization
 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
 Operations Management Specialization
 Service Sector Management Specialization
 Small Business Management Specialization
 Business Technology
Computer Programming*
 Computer Support Specialist
Cybersecurity*
 Design and Media Production Technology
 Post Production Specialization
 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*
AS General 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
 Surgical 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
 Hotel/Restaurant/Tourism Management
 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 Technology
 Cabinetmaking
 Carpentry
 Construction Management Technology
 Electrical Controls Systems
 Electrical Systems Construction and Maintenance
 Electronics Fundamentals
 Electronics Technology
 Biomedical Instrumentation Specialization
 Communication Electronics Specialization
 Field Occupation Specialization
 Industrial Mechanical Systems
 Industrial Systems Technology
Metrology*
 Precision Machine and Manufacturing
 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
 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
 Polysomnographic Technology
 Practical Nursing

Public Safety and Professional Services

Barbering
 Cosmetology
Criminal Justice Technology*
 Early Childhood Care and Education
 Hotel/Restaurant/Tourism Management

Technical Certificate Programs

Aerospace, Trade and Industry

Advanced Carpentry
 Advanced Shielded Metal Arc Welder
 Air Conditioning Electrical Technician
 Air Conditioning Technician Assistant
 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



Technical Certificate Programs (continued)

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
Calibration Technician⁺
Carpentry Fundamentals
Carpentry Technology
Certified Manufacturing Specialist
CNC Specialist
Commercial Electrical Construction Technician
Commercial Straight Truck and Passenger Driving
Commercial Truck Driving
Diesel Electrical/Electronic Systems Technician
Diesel Engine Service Technician
Diesel Truck Maintenance Technician
Drafter's Assistant⁺
Electrical Engineering Technician
Electrical Maintenance Technician
Electronic Metrology Technician⁺
Engineering Graphics Technician
Engineering Technology Basics
Flux Cored Arc Welder
Gas Metal Arc Welder
Gas Tungsten Arc Welder
Heavy Diesel Service Technician
Industrial Electrician
Industrial Engineering Technician
Industrial Fluid Power Technician
Industrial Motor Control Technician
Instrumentation and Controls Technician I
Intermediate Electrical Systems Technician
Lathe Operator
Mechanical Engineering Technician
Mechanical Maintenance Technician
Mill Operator
Physical Metrology Technician⁺
Pipe Welder
Programmable Control Technician I
Residential Air Conditioning Technician
Residential/Industrial Wiring Technician
Specialty Electrical Services
Vertical Shielded Metal Arc Welding Fabricator

Business and Computer Technologies

Administrative Office Specialist⁺
Administrative Support Assistant
Auditing and Assurances Specialist⁺
AWS Cloud Solutions⁺
Certified Warehousing & Distribution Specialist
Cisco Network Specialist
CompTIA A+ Certification Prep⁺
CompTIA A+ Certified Technician Prep⁺
Computer Hardware Specialist⁺
Computerized Accounting Specialist⁺
Cybersecurity⁺
Cybersecurity Fundamentals⁺
Design and Media Production Specialist
Entrepreneurship⁺

Help Desk Specialist

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 Applications 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
Electrocardiography Technology
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
Phlebotomy Technician
Prehospital EMS Operations
PreNursing

Public Safety and Professional Services

Advanced Legal Assistant
Barber II
Barbering for Cosmetologists
Barbering Instructor Training
Cosmetology Instructor Training
Early Childhood Care and Education Basics⁺
Early Childhood Exceptionalities

Early Childhood Program Administration

Family Child Care Specialist
Hair Designer
Hospitality Operations Associate⁺
Infant/Toddler Child Care Specialist⁺
Sustainable Small Farm and Agriculture Technician

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

Advanced Business and Customer Service Technology⁺
Advanced Comp TIA A+ Certified Technician Preparation⁺
Advanced Computer CompTIA A+ Certified Technician⁺
Alternative Energy Fundamentals⁺
Animal Healthcare Assistant^{**}
Automotive Maintenance and Light Repair Technician^{***}
Banking and Finance Specialist⁺
Barbering Assistant⁺
Barbering Fundamentals⁺
Basic Shielded Metal Arc Welder⁺
Business and Customer Service Technology^{**}
Certified Construction Worker^{**}
CompTIA A+ Certified Preparation⁺
Cosmetology for Licensure^{**}
Crime Scene Fundamentals⁺
Criminal Justice Fundamentals⁺
Criminal Justice Specialist⁺
Culinary Nutrition Assistant⁺
Early College Essentials⁺
Electro-Mechanical Technician^{**}
Emergency Medical Responder⁺
Engineering Technology Essentials⁺
Environmental Horticulture Technician^{**}
Flux Cored Arc Welder⁺
Food Production Worker I⁺
Foundations of Computer Programming⁺
Gas Metal Arc Welder⁺
Gas Tungsten Arc Welder⁺
Hospitality Customer Service Specialist^{**}
Industrial Maintenance Assistant^{**}
Introduction to Criminal Justice⁺
Introduction to Motor Controls⁺
Introduction to Web Design⁺
Legal Issues for Criminal Justice⁺
Literary Braille Transcriber⁺
Medical Assisting Receptionist⁺
Medical Coding Essentials⁺
Nurse Aide Essentials⁺
Pharmacist's Assistant⁺
Prep Cook^{**}
Residential/Commercial Plumbing Technician^{**}
Selected Topics for Criminal Justice⁺
Shampoo Technician⁺

Online Classes

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

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).