

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
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
Cloud Computing Specialization
Linux/Unix Specialization
Microsoft Specialization

Sports and Fitness Management*

Website Design/Development*

General Studies

AS General Studies*

AAS Interdisciplinary Studies

Technical Studies*

Health Sciences

Advanced Medical Imaging
Associate of Science in Nursing

Associate of Science in Nursing (ASN) Bridge

Biotechnology
Cardiovascular Technology
Dental Hygiene
Echocardiography
Medical Assisting
Medical Laboratory Technology
Orthopedic Technology
Paramedicine
Physical Therapist Assistant
Radiologic Technology
Surgical Technology

A.S. in General Studies (AB73)

with Healthcare Professional (HP41) Pathway

Public Safety and Professional Services

Criminal Justice Technology

Early Childhood Care and Education
 Exceptionalities Specialization
 Family Child Care 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
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 Machining and Manufacturing
Welding and Joining Technology

Business and Computer Technologies

Accounting*

Banking and Finance*

Business Management*

Business Technology*

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

Cloud Computing Specialization

Linux/Unix Specialization

Microsoft Specialization

Sports and Fitness Management*

Website 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
AI Enhanced Robotic Manufacturing Specialist
Air Conditioning Electrical Technician
Air Conditioning Technician Assistant
Aircraft Assembly Technician I
Aircraft Assembly Technician II
Aircraft Composites 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

Technical Certificate Programs (continued)

Aviation Maintenance Technician - Powerplant
Basic Electrical Systems Technician
Basic Electronic Assembler
Basic Machining Operator
Basic Machinist
Basic Shielded Metal Arc Welder
Calibration Technician⁺
Carpentry Fundamentals
Carpentry Technology
Certified Manufacturing Specialist
CNC Specialist
Commercial Driving - Class A
Commercial Driving - Class B
Commercial Electrical Construction Technician
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
Engineering Technology Essentials
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
Pipe Welder
Programmable Control Technician I
Residential Air Conditioning Technician
Residential/Industrial Wiring Technician
Specialty Electrical Services
Vertical Shielded Metal Arc Welding Fabricator
Video and Film Editor

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
IOS App Development⁺

Java Programmer⁺
Legal Administrative Assistant⁺
Logistics Management Specialist⁺
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⁺
Supply Chain Specialist⁺
Tax Preparation Specialist⁺
Technical Management Specialist⁺
Warehouse and Distribution Technician
Website Designer⁺
Website Developer⁺

General Studies

Technical Specialist⁺

Health Sciences

Accelerated Phlebotomy Technician
Advanced Central Sterile Processing Technician
Advanced Emergency Medical Technician
Biotechnology Laboratory Assistant
Computed Tomography Specialist
Electrocardiography Technology
Emergency Medical Technician (EMT)
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
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

Alternative Energy Fundamentals⁺
Automotive Maintenance and Light Repair^{**}
Cabinetmaking Assembly Technician^{**}
Certified Construction Worker^{***}
Electro-Mechanical Technician^{**}
Industrial Maintenance Assistant^{**}
Introduction to Motor Controls⁺
Master Welder I^{**}
Residential/Commercial Plumbing Technician^{**}
Advanced Business and Customer Service Tech.^{**}
Advanced COMP TIA A+ Certified Technician
Prep.⁺
Advanced Computer COMPTIA A+ Certified
Technician⁺
Banking and Finance Specialist⁺
Business and Customer Service Technology^{**}
Call Center Insurance Marketing Representative⁺
COMPTIA A+ Certified Preparation⁺
Foundations of Computer Programming⁺
Introduction to Web Design⁺
Literary Braille Transcriber^{**}
Early College Essentials⁺
Emergency Medical Responder⁺
Firefighter I⁺
Geriatric Care Assistant⁺
Medical Assisting Receptionist⁺
Medical Coding Essentials⁺
Nurse Aide Essentials⁺
Pharmacy Technology Certificate⁺
Phlebotomy Technology⁺
Animal Healthcare Assistant^{**}
Barbering Assistant⁺
Barbering Fundamentals^{**}
Cosmetology for Licensure^{**}
Crime Scene Fundamentals⁺
Criminal Justice Fundamentals⁺
Criminal Justice Specialist⁺
Culinary Nutrition Assistant⁺
Environmental Horticulture Technician^{**}
Food Production Worker I⁺
Hospitality Customer Service Specialist^{**}
Introduction to Criminal Justice⁺
Legal Issues for Criminal Justice⁺
Prep Cook^{***}
Salon and Spa Support Specialist⁺
Selected Topics for Criminal Justice^{**}
Travel and Tourism Associate^{**}

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).