

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

Automation Technology
Aviation Maintenance Technology
Carpentry Technology
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
Instrumentation and Controls Technician
Metrology*

Business and Computer Technologies

Accounting*

Applied Technical Management

Banking and Finance*

Business Healthcare Technology*

Business Healthcare Specialization
Compliance & Reimbursement Specialization
Health Informatics Specialization
Practice Management Specialization

Business Management*

General Management Specialization
Human Resources Management Specialization
Operations Management Specialization
Service Sector Management Specialization
Small Business Management Specialization

Business Technology*

Human Resources Management Specialization
Office Management Specialization
Project Management Specialization
Social Media Specialization

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 Networking 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
AAS in Allied Health Professions
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
Automation Technology
Automotive Collision Repair
Refinishing Specialization
Automotive Fundamentals
Automotive Technology
Aviation Maintenance Technology
Carpentry Technology
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
Metrology*
Precision Machining and Manufacturing
Welding and Joining Technology*

Business and Computer Technologies

Accounting*

Banking and Finance*

Business Healthcare Technology*

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

Public Safety and Professional Services

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*
Automation and Robotics Technology I
Automotive Chassis Technician Specialist*
Automotive Climate Control Technician
Automotive Collision Repair Assistant I
Automotive Electrical/Electronic Systems Tech.*
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 Electronic Technician*
Basic Machining Operator
Basic Machinist
Basic Shielded Metal Arc Welder*
Calibration Technician*
Carpentry Fundamentals
Carpentry Technology
Certified Construction Worker**
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 Equipment Fundamentals
Diesel Truck Maintenance Technician
Drafter's Assistant
Electrical Engineering Technician
Electronic Metrology Technician*
Engineering Graphics Technician
Engineering Technology Basics
Engineering Technology Essentials*
Flux Corded 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
Residential Air Conditioning Technician
Residential/Industrial Wiring Technician
Specialty Electrical Services
Vertical Shielded Metal Arc Welding Fabricator*

Business and Computer Technologies

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

Health Records Technician* (Embedded)

Healthcare Billing and Coding Specialist*
Healthcare Billing and Reimbursement Assistant*
Healthcare Office Assistant*
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 Application 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*
Video and Film Editor
Warehouse and Distribution Technician
Website Designer*
Website Developer*

General Studies

Technical Specialist*

Health Sciences

Accelerated Orthopedic Technician
Accelerated Phlebotomy 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
Health Care Professional
Hemodialysis Patient Care Specialist*(Embedded)
Hemodialysis Reuse/Reprocessing Tech. (Embedded)
Magnetic Resonance Imaging Specialist
Medical Coding*
Medical Skin Care Specialist*
Nurse Aide*
Nurse Aide Accelerated
Phlebotomy Technician
Practical Nursing Certificate

Prehospital EMS Operations

PreNursing

Public Safety and Professional Services

Advanced Legal Assistant
Barber II
Barbering for Cosmetologists
Cosmetology for Licensure**
Early Childhood Care and Education Basics*
Early Childhood Exceptionalities
Early Childhood Program Administration
Family Child Care Specialist
Hospitality Operations Associate**
Infant/Toddler Child Care Specialist
Master Barber

Offered only to DE* and/or DoC** Students

Automotive Maintenance and Light Repair**
Certified Construction Worker***
Industrial Maintenance Assistant**
Introduction to Motor Controls*
Master Welder I**
Residential/Commercial Plumbing Technician**
Advanced Business & Customer Service Tech.**
Advanced COMP TIA A+ Certified Technician Preparation*
Advanced COMP TIA A+ Certified Tech.*
Business and Customer Service Technology**
Call Center Insurance Marketing Representative*
COMPTIA A+ Certified Preparation*
Foundations of Computer Programming*
Introduction to Web Design*
Early College Essentials*
Emergency Medical Responder*
Geriatric Care Assistant*
Medical Assisting Receptionist*
Medical Coding Essentials*
Nurse Aide Essentials*
Pharmacy Technology Certificate*
Phlebotomy Technology Specialist*
Animal Healthcare Assistant**
Barbering Assistant*
Barbering Fundamentals*
Crime Scene Fundamentals*
Criminal Justice Fundamentals
Criminal Justice Specialist
Culinary Nutrition Assistant*
Environmental Horticulture Technician**
Firefighter I*
Food Production Worker I*
Greenhouse Production Fundamentals**
Hospitality Customer Service Specialist**
Introduction to Criminal Justice*
Prep Cook***
Selected Topics for Criminal Justice*
Travel and Tourism Associate**

Online Classes

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

Dual Enrollment & Department of Corrections

* The course and specializations (if applicable) are also offered for our Dual Enrollment Students

**The course and specializations (if applicable) are also offered for our Department of Corrections students.

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).