# Accelerated Career Diploma Programs of Study for North Springs Students in Partnership with Gwinnett Technical College

## Advanced Data Center Operations, Cisco Network Specialist, CompTIA A+ Preparation Certificate, Data Center Specialist, Data Center Operations, and Network Administrator

These programs are a portal to any digital working environment. Students take a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in the development and maintenance of computer networks.

Learn how to design and build data communication networks, including local area networks (LANs), wide area networks (WANs), and Intranets, and how to use specialized software to store and organize data while keeping it secure from unauthorized access.
Program graduates will be competent in designing, implementing, securing, and troubleshooting network computers within an organization.

### What career options will I have?

- CISCO network specialist
- Data center specialist
- Network administrator
- Networking specialist
- PC repair network technician

Learn the latest hardware and software required to develop and maintain a complex system of computer networks. With technology, faculty who will share real-world IT experience, and a growing number of degrees and certificates, Gwinnett Tech's programs are a launchpad for a career in one of the industry's hottest specialties.

## Cyber Crime Specialist and Cybersecurity

Learn to plan and carry out security measures to protect an organization's computer networks and systems and begin an exciting career in the expanding world of cybersecurity!

Students will prepare for a cybersecurity career with the responsibility to protect their employer's information assets. Cyber Technicians perform different functions, including

detecting and preventing cyber-attacks, monitoring network activity to prevent internal attacks, encryption techniques, disaster and incident recovery, auditing, and system testing.

### What career options will I have?

- Cybercrime Specialist
- Cybersecurity
- Data Center Specialist
- Information Security Analyst

You will learn the principles, tools, and techniques required to keep computers and employers secure from disastrous hackers and attacks. Students learn to prevent internal attacks, apply encryption techniques, plan for disaster and incident recovery, and implement system testing.

## Event Coordinator and Hotel Management Specialist

These programs prepare students to begin successful careers in any one of the numerous opportunities available in food and beverage management, hotel management, or tourism management. The tourism industry is the 5th largest employer in Georgia, supplying more than 430,000 jobs!

The hospitality industry is the number one industry in metro Atlanta and the number two industry in Georgia! The HRTM program at Gwinnett Tech prepares students to begin successful careers in one of the largest and fastest growing sectors of our economy. Numerous career opportunities are available in food and beverage management, hotel management, or tourism management.

Students enrolled in the HRTM program learn event planning, hotel operations management, tour and cruise management, how to market tourism destinations, and more.

### What career options will I have?

- Lodging Manager
- Catering Manager
- Event Manager
- Restaurant Manager
- Travel Agent

## Human Resource Management and Management and Leadership Specialist

This program helps develop students' analytical skills while increasing their business knowledge. It provides students with a strong education and well-rounded knowledge of business operations and management functions. Students learn effective leadership skills while increasing their overall knowledge for managerial positions for both the public and private sectors. Students also learn how to effectively collect, analyze, and present information necessary to make sound business decisions in the ever-changing global business world.

With a career in business management, organized and motivated managers can keep every aspect of an operation running smoothly and efficiently.

This program includes management and accounting courses and college-level general education courses.

### What career options will I have?

- General and Operations Managers
- Human Resource Managers
- Purchasing Managers
- Training and Development Managers
- Transportation Managers

## Java Programmer

With the Gwinnett Tech Computer Programming education, you will learn to write and test code for computer applications and discover how to turn the program designs created by software developers and engineers into instructions that a computer can follow.

Computer programming is a process that leads from a problem specification to executable computer programs, also known as software. Programming involves activities such as analysis, developing understanding, generating algorithms, verification of requirements of algorithms including their accuracy, resource consumption, and the coding/implementation of the algorithms using a programming language such as Java, C++, C#, .NET, or many others.

The Computer Programming advisory board will provide you with relevant industry-specific curriculum for today's high-demand careers.

Throughout the Computer Programming program, you will learn with industry leading software the practice of developing instructions and languages computers use to operate. Computer programmers write and test code that allows computer applications and software programs to function properly. They turn the program designs created by software developers and engineers into instructions that a computer can follow. Students learn the skills needed to successfully join this growing industry.

## Marketing Specialist, Small Business Marketing Manager, and Entrepreneurship

Prepare to enter the fast-paced world of promoting, developing, and selling products. Our Marketing Management program equips students for careers in sales, marketing, public relations, and e-commerce. Learn about global marketing, consumer behavior, marketing principles, research methods, and the value of customer insights in shaping strategy.

You will gain valuable knowledge and skills specific to traditional and digital marketing, social media platforms, business and strategic plans development and implementation, new product processes that focus on the ideation concept and go-to-market commercialization processes, the 4 Ps, internal and external branding, qualitative and quantitative research to gain consumer insights and behavior, integrated marketing communications, budgeting, and sales. As a student, you will gain expertise that will allow you to effectively manage a business's product portfolio, marketing resources, and activities.

### What career options will I have?

- Business Owner
- Entrepreneur
- Marketing Specialist
- Retail Specialist
- Sales Representative
- Small Business Manager
- Social Media Specialist
- Sports Vendor/Manager

## Social Media Marketing

Technology is at the heart of today's business environment! Business technology jobs span all industries and whether you see yourself as a medical billing clerk or front office assistant, or in the ranks of the business and industry.

By 2026, careers in business technology are expected to grow by 22 percent, according to the United States Department of Labor. Learn critical office and technology skills, along with communication and organizational knowledge.

In this program, you learn critical office and technology skills that encompass a wide range of hardware, software, and services that keep companies running and enhance operations.

The Business Technology program is designed to prepare students for a variety of positions in today's technology-driven workforce. Knowledge of clerical procedures and systems such as word processing, managing files and records, designing forms, and other office procedures and terminology are covered in this program.

## Coming 2026: Welding and Joining Technology

Are you intrigued by the way metal structures are assembled and built? Learn the latest in welding and joining techniques with the Gwinnett Tech Welding and Joining Technology program!

Students will learn how to join metal parts through coalescence (melting base metal), fill seams and holes of metal components, follow sketches, blueprints and specifications, follow and maintain knowledge of safety protocol, and how to layout, fit and fabricate metal components to assemble structural forms.

## Other potential areas of study:

Automotive Technology
Carpentry
Cosmetology
HVAC/ Air Conditioning Tech