

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

PC Repair and Network Technician Certificate and Data Center Operations Certificate

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 Certificate

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.

Java Programming Certificate

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.

Human Resources Management Specialist Certificate and Logistics Management Specialist Certificate

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 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

Small Business Marketing Manager Specialist Certificate and Entrepreneurship Certificate

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.

Social Media Marketing Certificate

Social Media Marketing (SMM) is a form of Internet marketing that utilizes social networking websites as a marketing tool. The goal of SMM is to produce content that users will share with their social network to help a company increase brand exposure and broaden customer reach. Social Media has changed how businesses engage with customers and consumers. This creates extraordinary opportunities for Brands to reach and build very personal and permissible relationships, and thus resulting in loyalty and creating a “brand of choice”. This program, Social Media Marketing, centers on efforts to create content on the Internet that attracts attention and encourages readers to share it with their social network. This technical certificate of credit program explores the environment and current trends of social media as it relates to marketing functions. Topics include: history of the Internet and social media, social media dashboards, ROI modeling, legal issues of social media, outsourcing vs. in-house administration, and the current social media ecosystem including applications in the following areas: communication, collaboration/authority building, multimedia, reviews and opinions, and entertainment.

Social media marketing is an extremely popular platform because it is easily accessible to anyone with Internet access. Additionally, social media serves as a relatively inexpensive platform for organizations to implement marketing campaigns.

What career options will I have?

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

Medical Billing Clerk Certificate and Medical Front Office Assistant Certificate

These certificates combined qualify you for administrative, front-desk, and financial support roles across healthcare settings.

Common Job Titles

- **Medical Receptionist or Front Desk Coordinator:** Greets patients, manages check-ins/check-outs, and handles appointment scheduling.

- **Medical Billing Specialist or Billing Clerk:** Prepares and submits insurance claims, tracks unpaid balances, and answers billing questions.
- **Medical Office Assistant or Secretary:** Maintains electronic health records (EHR), manages phone calls and mail, and assists with daily office workflows.
- **Front Office & Billing Specialist:** A hybrid role handling both guest services and insurance claims processing.
- **Patient Access Representative or Care Coordinator:** Acts as a liaison between patients, medical staff, and insurance providers to verify coverage and referrals.
- **Hospital Unit Clerk:** Provides clerical support and handles communications inside hospital units.

Where You Can Work

- Private physician practices and family clinics
- Specialized care centers (such as dental, physical therapy, or OB/GYN offices)
- Hospitals and urgent care facility
- Medical billing and insurance processing companies

Welding and Joining Technology: Gas Metal Arc Welder Certificate and Gas Tungsten Arc Welder Certificate

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.

The **Gas Tungsten Arc Welder certificate** provides basic training required for the Gas Tungsten Arc Welder (GTAW/TIG). Students receive instruction that emphasizes basic skills, safety, and quality workmanship. The program is ideal for the person who needs training in a basic welding operation in a brief time span. Technical courses apply to the diploma program in Welding and Joining Technology.

The program emphasizes basic skills, safety, and quality workmanship.

Common Job Titles

- Welder's helper
- Gas Tungsten Arc welder
- TIG Welder (Gas Tungsten Arc Welder – GTAW)

The Gas Metal Arc Welder certificate provides basic training required for the Gas Metal Arc welder (MIG). This certificate includes a course in Gas Metal Arc welding (GMAW/MIG). Students receive instruction that emphasizes basic skills, safety, and quality workmanship. The program is ideal for the person who needs training in a basic welding operation in a brief time span. All courses apply to the diploma program in Welding and Joining Technology.

The program emphasizes basic skills, safety, and quality workmanship.

Common Job Titles

- Welder's helper
- MIG Welder (Gas Metal Arc Welder – GMAW)