



Nontraditional Careers Resource and Information Guide

www.ChattahoocheeTech.edu



Chattahoochee Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Inquiries related to the college's accreditation by the Commission may be directed to SACSCOC, 1866 Southern Lane, Decatur, Georgia 30033-4097 or telephone 404-679-4500. Questions related to admissions and the policies, programs, and practices of Chattahoochee Technical College should be directed to the College.

The Chattahoochee Technical College does not discriminate on the basis of race, color, national origin, gender, age or disability. The following person(s) has been designated to handle inquiries regarding the non-discrimination policies: Chattahoochee Technical College Title IX Coordinator, Cheri Mattox-Carroll, 5198 Ross Road, Room 132N, Acworth, GA 30102, (770) 975-4152, or (770) 528-5805, or cheri.mattox-carroll@chattahoocheetech.edu or Chattahoochee Technical College Section 504 Coordinator, Mary Frances Bernard, 980 South Cobb Drive, Building G1106, Marietta, GA 30060, (770) 528-4529, or maryfrances.bernard@chattahoocheetech.edu.

What is a Nontraditional Career3

Nontraditional Programs of Study - Female.....4

Air Conditioning Technology.....5

Auto Collision Repair6

Automotive Technology7

Buildings & Facilities Maintenance8

Commercial Truck Driving9

Computer Information Systems Technology10

Criminal Justice Technology11

Nontraditional Programs of Study - Male12

Accounting.....13

Cosmetology.....14

Early Childhood Care & Education.....15

Medical Assisting.....16

Occupational Therapy Assistant17

Physical Therapist Assistant.....18

Radiography19

JOB DESCRIPTION

Radiographers are fundamentally involved with the early detection of disease, the accurate diagnosis of various medical conditions, and the ongoing treatment of a wide range of illnesses. They work as vital members of the healthcare team in a variety of clinical settings, preparing patients for and administering X-rays and other radiological medical procedures.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro
- **Type of Program:** Degree
- **Completion Time:** 2 years

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 5%
- * Average Annual Salary: \$55,910 per year
- * Projected Growth (2012-2022): 21%

ROOM TO GROW

Technology Abounds: This job provides day to day interaction with cutting edge medical imaging. With additional education, this field can offer opportunities in a variety of diagnostic and treatment modalities in many settings.

WHY IT'S AWESOME

Technology is paramount in this profession as is stability. As long as there are people with medical issues requiring diagnostic imaging, this occupation will be necessary.

JOB DESCRIPTION

Physical Therapist Assistants (PTAs) provide physical therapy services under the direction and supervision of a licensed Physical Therapist. Employing the knowledge of the patient's condition, the PTA performs hands-on treatments utilizing therapeutic exercises, manual therapy, pain relieving modalities and other functional activities. The PTA must possess excellent communication and interpersonal skills to interact appropriately with patients, families, coworkers and other healthcare providers.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro
- **Type of Program:** Degree
- **Completion Time:** 2 years

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 9%
- * Average Annual Salary: \$49,690 per year
- * Projected Growth (2012-2022): 33%

ROOM TO GROW

Longevity: As the population continues to live longer and face age-related conditions and injuries, trained personnel will continue to be necessary in the workforce.

WHY IT'S AWESOME

Job security and flexibility make this a position that will challenge you and help you grow personally and professionally. In addition to great earning potential, this is a hands-on career that allows you to help improve the lives of a variety of patients of all ages.

What is a Nontraditional Career ?

Any occupation in which women or men comprise 25% or less of its total employment.

For example, only about 2% of Auto Collision Repairers are female, so "Auto Collision Repair" is a nontraditional occupation for females.

Like wise, roughly 8% of males are Registered Nurses, thus, "Registered Nurse" is a nontraditional occupation for males.

What is a Nontraditional Program of Study at Chattahoochee Technical College ?

Chattahoochee Technical College offers a variety of programs of study. Nearly all programs have a nontraditional designation; this gives you options in choosing a nontraditional program of study. There are distinct advantages for both men and women in nontraditional careers.

What will you find in this guide ?

- Statistical employment information about nontraditional jobs for males and females.
- Factual information about opportunities that are available to males and females that pursue nontraditional careers.
- Opportunities for growth, expansion, and entrepreneurship within nontraditional careers.
- Examples of nontraditional careers for males and females
- Program specific information for Chattahoochee Tech
- Information about employment trends and projected growth

NONTRADITIONAL PROGRAMS OF STUDY FOR FEMALE STUDENTS AT CHATTAHOOCHEE TECHNICAL COLLEGE

Air Conditioning Technology
Automotive Collision Repair
Automotive Technology
Building & Facilities Maintenance Technology
Commercial Truck Driving
Computer Information Systems Technology
Criminal Justice Technology
Design and Media Production Technology
Diesel Equipment Technology
Drafting Technology
Electrical & Computer Engineering Technology
Environmental Technology
Fire Science Technology
Industrial Maintenance & Electrical Technology
Logistics & Supply Chain Management



JOB DESCRIPTION

Occupational Therapy Assistants work under the direction of occupational therapists to help rehabilitate patients with injuries, illnesses, or disabilities through the therapeutic use of everyday activities (occupations). Common occupational therapy interventions include helping children with disabilities to participate fully in school and social situations, helping people who are recovering from injuries to regain necessary skills, and providing support for older adults who are experiencing physical or cognitive changes.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Austell
- **Type of Program:** Degree
- **Average Completion Time:** 2 years

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 10%
- * Average Annual Salary: \$48,940 per year
- * Projected Growth (2012-2022): 41%

ROOM TO GROW

Variety and Portability: With this education you can work with many different populations and different cultures in various settings such as healthcare and nursing care facilities, schools, and hospitals.

WHY IT'S AWESOME

If you enjoy working directly with people, helping them to achieve and maintain their independence to the best their abilities allow, this rigorous and rewarding program might be the right one for you.

JOB DESCRIPTION

Medical Assisting graduates are equipped to work alongside doctors, nurses, and other medical professionals as an integral part of an industrious health care team. Some work in the back office dealing with patient records and insurance companies. Others may choose to work directly with patients checking vital signs and collecting specimens while providing reassurance and support.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Austell, Appalachian
- **Type of Program:** Diploma/ Degree
- **Average Completion Time:** 1 year (Diploma)/2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 13%
- * Average Annual Salary: \$29,370 per year
- * Projected Growth (2012-2022): 29%

ROOM TO GROW

Portability: This program will allow you room to roam with a variety of opportunities in medical clinics, laboratories, surgical centers, and other outpatient facilities.

WHY IT'S AWESOME

Males in the medical field are more likely to be promoted and can earn a good salary. Work in a clinical setting assisting physicians and caring for patients or in an administrative setting greeting patients, updating medical records, coding, billing, and more!

JOB DESCRIPTION

Trained Air Conditioning Technology employees typically install, maintain, diagnose, and repair heating, ventilation, cooling, and refrigeration systems that control the air quality in a wide variety of situations (from large industrial buildings to smaller residential spaces). Technicians use their knowledge of heat transfer, thermodynamics, electronics, and basic mechanics to get their jobs done.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Canton, Marietta
- **Type of Program:** Diploma
- **Completion Time:** 1 year

STATISTICALLY SPEAKING

- * Nontraditional Percentage: > 1%
- * Average Annual Salary: \$43,640 per year
- * Projected Growth (2012-2022): 21%

ROOM TO GROW

Entrepreneurship: Pair this program with experience and a few classes in business management to start your own business!

WHY IT'S AWESOME

Its flexible! You can work for a large industrial company or for a small business with these skills. Technicians are a welcome sight whenever heating or cooling systems fail to do their jobs!

JOB DESCRIPTION

Accidents happen. It's a fact of life. The good news is that—with the proper education, training, and diligence—Automotive Collision Repair technicians can use the best technology and equipment to make vehicles of all makes, models, and vintages look like new again. The work is rewarding. The newer materials used in late-model vehicles, the expanded use of molded composition and plastics, and the increased use of sophisticated electronic systems add interesting challenges to the job!

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Appalachian
- **Type of Program:** Diploma
- **Completion Time:** 1 year

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 1%
- * Average Annual Salary: \$37,680 per year
- * Projected Growth (2012-2022): 13%

ROOM TO GROW

Rewarding Work: Technicians do accurate damage assessment. Quality repairs are made using various tools, welding, painting, and glass replacement. The result: A properly refurbished and repaired vehicle.

WHY IT'S AWESOME

Job stability! There will always be cars to restore and renew. Someone will need to repair them with skill and precision, why not you?

JOB DESCRIPTION

The most critical period of child development is the first five years. Early Childhood teachers experience a career that is diverse and fast-paced with classroom practices based on cutting-edge research about how children develop and learn. Whether you're interested in owning or directing your own program, working as an infant or toddler specialist, or specializing in children with special needs, Chattahoochee Tech has a program that is just right for you.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Appalachian, Canton, Marietta, Paulding
- **Type of Program:** Diploma / Degree
- **Completion Time:** 1 year (Diploma)/ 2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 6%
- * Average Annual Salary: \$27,130 per year
- * Projected Growth (2012-2022): 17%

ROOM TO GROW

Specializations: These programs offer the opportunity to transition your skills into specializations, such as working with children with special needs or working with gifted children.

WHY IT'S AWESOME

Males in this field provide more than just instruction; often they become strong male figures and mentors to the children they teach. This program gives you the opportunity to impact the lives of young children in a positive and meaningful way.

JOB DESCRIPTION

Cosmetology is the art and science of beautifying hair, skin, and nails. Successful Cosmetologists use art, skill, and technology to transform an individual, utilizing cut, color and style. They remain on the cutting edge of trends, hairstyles, and beauty techniques. Cosmetologists are adept at maintaining a safe, pleasant, and sanitary salon environment. Students learn to cut, color, and style all types of hair for men and women as well as versed in nail and skin care.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro, Appalachian, Marietta
- **Type of Program:** Diploma
- **Completion Time:** 1 year (Diploma)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 4%
- * Average Annual Salary: 22,770 per year
- * Projected Growth (2012-2022): 13%

ROOM TO GROW

Entrepreneurship: This program give you the skills necessary to work as a cosmetologist, start your own business or buy into a chain of salons. Many work as estheticians and nail technicians.

WHY IT'S AWESOME

Males in cosmetology provide a different perspective and thrive in an environment where creativity is appreciated. If you're an independent thinker with artistic, enterprising and social interests, this career may be cutting edge.

JOB DESCRIPTION

With a large number of vehicles driving along U.S. roadways each day, trained and skilled automotive service and repair technicians are frequently called upon to keep a vehicle's mechanical parts, brakes, tires, electronics systems, and built-in computers working at an efficient performance level through accurate problem diagnosis and expert repairs.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Appalachian, Marietta, North Metro
- **Type of Program:** Diploma / Degree
- **Completion Time:** 1 year (Diploma) / 2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 1%
- * Average Annual Salary: 36,610 per year
- * Projected Growth (2012-2022): 9%

ROOM TO GROW

Certifications: All Automotive Technology courses are structured to help students prepare for the Automotive Service Excellence (ASE) certification exam. Students are trained to work on older vehicles or today's fuel efficient, hybrid cars.

WHY IT'S AWESOME

Its flexible! You can work for a large car dealership, auto parts dealer, or for a smaller automotive repair business with these skills. You can specialize in transmissions, brakes, suspension and steering, etc.

JOB DESCRIPTION

Nothing new remains new forever. Complex structures and areas within many types of facilities need to be maintained. Buildings must be kept safe and code-compliant through skilled repairs, maintenance, and renovation. Do you consider yourself a “jack-of-all-trades”? If so, Building and Facilities Maintenance Technology might be the right fit for you.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Marietta
- **Type of Program:** Diploma
- **Completion Time:** 1 year

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 4%
- * Average Annual Salary: \$35,210 per year
- * Projected Growth (2012-2022): 9%

ROOM TO GROW

Versatility: Being a “jack-of-all-trades” offers the opportunity to work in varying environments such as in hospitals, hotels, and apartment complexes, and other non-manufacturing maintenance places.

WHY IT’S AWESOME

With this program, you get to use your hands, utilize a variety of tools, solve technical problems, and work independently or on a team. With carpentry, electrical, plumbing, and masonry skills, you have the opportunity to do many different things all in a day’s work.

JOB DESCRIPTION

The accounting field offers a wide variety of job duties and job titles for people working for large or small organizations. You may find yourself posting transaction details, ensuring the accuracy of accounts, balancing financials, tracking financial records, generating reports, or managing databases and spreadsheets. You may handle payroll and billing functions for your employer. In whichever job you choose, financial integrity, adhering to regulations, and accurate reporting will be key.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro, Appalachian, Canton, Marietta, Paulding
- **Type of Program:** Diploma / Degree
- **Completion Time:** 1 year (Diploma)/ 2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 39%
- * Average Annual Salary: \$35,170 per year
- * Projected Growth (2012-2022): 11%

ROOM TO GROW

Double Your Salary: After obtaining some experience, consider returning to school for a bachelor’s degree in accounting; earn a CPA and potentially double your salary.

WHY IT’S AWESOME

Numerical Variety: Work as a bookkeeper, payroll clerk, or accounting clerk in a variety of large or small businesses. Most businesses utilize the services of an accountant.

**NONTRADITIONAL PROGRAMS OF STUDY FOR MALE
STUDENTS AT CHATTAHOOCHEE TECHNICAL COLLEGE**

Accounting
Business & Office Technology
Central Sterile Processing Technician
Cosmetology
Early Childhood Care & Education
Health Care Assistant
Interiors
Medical Administrative Assistant
Medical Assisting
Nurse Assistant (CNA)
Occupational Therapy Assistant
Physical Therapist Assistant
Practical Nursing
Radiologic Technology

JOB DESCRIPTION

Professional truck drivers provide a vital service to the public; if you bought it, a truck driver likely delivered it to the point of sale. Having a CDL Class A offers great potential to those who choose to work in the transportation industry. Commercial Truck Driving is a great career choice that will demand constant safety awareness and professional operating skills.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro
- **Type of Program:** Certificate
- **Completion Time:** One Semester

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 5%
- * Average Annual Salary: \$ 38,200 per year
- * Projected Growth (2012-2022): 11%

ROOM TO GROW

Versatility: With a CDL you can work for a variety of companies ranging from bus operation, light duty trucks, to 18-wheelers while understanding state and federal regulations.

WHY IT'S AWESOME

Short term training leads to a great career where you can deliver goods and products locally or haul cargo across the country. Self-employed drivers engage in driving for a variety of industries.

JOB DESCRIPTION

Every day, all day, more and more data and information becomes available and accessible from individual computers and across vast networks in cyberspace. People are needed to plan, analyze, design, program, build, maintain, secure, and manage all of that information for businesses and industries around the globe. This program allows you to choose your specialty area of study: Computer Programming, Networking, Information Security Specialist, Internet Specialist – Web Application Development.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** Marietta, North Metro
- **Type of Program:** Diploma / Degree
- **Completion Time:** 1 year (Diploma) / 2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 22%
- * Average Annual Salary: \$40,000
- * Projected Growth (2012-2022): 21%

ROOM TO GROW

Diversity: These diverse programs allow you to use analytical and teamwork skills along with the utilization of hardware and software knowledge.

WHY IT'S AWESOME

You can work in many environments: Privately owned firms, banking institutions, government agencies, non-profit organizations, and self employment opportunities.

JOB DESCRIPTION

Criminal justice is the study of crime and the administration of justice involving law enforcement, courts, correctional institutions, and juvenile systems. This exciting and dynamic field focuses on the understanding and application of legal concepts, investigative techniques, evidence collection and presentation, unique juvenile laws, crime prevention, and the improvement of public safety. Persons entering the criminal justice field will be prepared to pursue diverse opportunities.

CHECK IT OUT AT CHATTAHOOCHEE

- **Campus Locations:** North Metro, Canton, Marietta
- **Type of Program:** Diploma / Degree
- **Completion Time:** 1 year (Diploma) / 2 years (Degree)

STATISTICALLY SPEAKING

- * Nontraditional Percentage: 4%
- * Average Annual Salary: \$38,970 per year
- * Projected Growth (2012-2022): 5%

ROOM TO GROW

Potential: Law enforcement spans the gamut! You may begin working for a local police department, forensic laboratory, or judicial court system and end up working in federal service such as the FBI or CIA with additional education and training.

WHY IT'S AWESOME

Women in law enforcement are a true necessity. As a female in law enforcement, you will be afforded many rewarding opportunities that will help build your knowledge and experience within the field.