CAREER & TECHNICAL PROGRAM GUIDE
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MGCCC
Mississippi Gulf Coast Community College
What are MGCCC Schools?

MGCCC Schools provide a roadmap for students as they work toward a certificate, diploma, or degree. Each school encompasses academic, career, technical, and/or health sciences programs of study in areas that are similar. Students may choose a technical path, but then decide to continue studies at a university, or they may start out with the intention of transferring to a university and decide a one-year career program suits them better. MGCCC Schools are designed to give students various options within similar areas of study to make the paths to successful degree completion easier.

Explore our Schools

Each of the following schools encompasses multiple areas of interest:

• Business, Law, Hospitality, & Culinary

• Engineering, Mathematics, Data Science, & Information Technology

• Manufacturing, Maritime, & Transportation

• Sciences & Kinesiology

• Nursing & Health Professions

• Human Sciences & Education

• Language Arts

• Visual & Performing Arts

For more information on the Schools, visit mgccc.edu/schools.
School of Business, Law, Hospitality, & Culinary
Accounting Technology

The Accounting Technology program is designed to prepare students for employment opportunities in the accounting field. Software taught in this program includes the latest versions of Microsoft Office Suite and QuickBooks.

Salary Range
In Mississippi, the median salary is $36,170. Nationally, the income range is $21,110 - $58,260.

Career Opportunities
• Accounts Receivable Clerk
• Accounting Assistant
• Billing Clerk
• Bookkeeper
• Payroll Clerk
• Management Trainee
• Administrative Assistant

Credentialing Agency
Office Proficiency Assessment and Certification

Administrative Office Technology

The Administrative Office Technology program allows students to develop skills in business computer applications, office equipment usage, and general office administration. The program is designed to give a broad overview of the entire office functions. Students will have the opportunity to learn about the integration of systems, people, and technology; coordination of people, equipment, and resources; and relationship between worker and supervisor.

Salary Range
In Mississippi, the median salary is $35,550. Nationally, the income range is $23,790 - $73,760.

Career Opportunities
• Executive Assistant
• Administrative Assistant
• Office Manager
• Bookkeeper
• Secretary

Credentialing Agency
Office Proficiency Assessment and Certification
Baking & Pastry Arts Technology

The Baking and Pastry Arts Technology program provides a solid foundation in everything from breads and cakes to confections and frozen desserts. Special emphasis is placed on baking and pastry tools, equipment, techniques, and specialty ingredients. The BPT courses parallel those of the Culinary Institute of America and offer the opportunity for certification in the American Culinary Federation.

Salary Range
In Mississippi, the median salary is $47,720. Nationally, the income range is $33,150 – $68,420.

Career Opportunities
• Baker
• Chocolatier
• Cake Designer/Decorator
• Research and Development Chef
• Food Stylist

Credentialing Agency
American Culinary Federation

Business & Marketing Management Technology

The Business and Marketing Management Technology program prepares the graduate for a career in sales, advertising, management, public relations, merchandising, and buying. A combination of class work and practical experience gives students the opportunity to acquire the background and skills necessary to enter the business and community workforce in positions leading to mid-management level and higher.

Salary Range
In Mississippi, the median salary is $22,590. Nationally, the income range is $17,060 - $38,970.

Career Opportunities
• Management of Private Company
• Management in Government Offices
• Marketing Business Manager
• Marketing Manager for Hospitals
• Marketing Manager for Government
• Self-Employed

Credentialing Agency
Mississippi Career Planning and Assessment System
Business Management Technology

The Business Management Technology program provides training that leads to the development of comprehensive entrepreneurial skills necessary in private business or in the public or not-for-profit sectors emphasizing both domestic and foreign markets. Software taught in this program includes the latest versions of Microsoft Office Suite and QuickBooks.

Salary Range
In Mississippi, the median salary is $31,210. Nationally, the income range is $19,340 - $48,490.

Career Opportunities

• Management of Private Company
• Management in Government Offices
• Marketing Business Manager
• Marketing Manager for Hospitals
• Marketing Manager for Government
• Self-Employed

Cosmetology Technology

The Cosmetology program prepares individuals with the theory and skills to care for hair, nails, and skin, with an emphasis on hygiene, sanitation, customer relations, ethics, and salon management that are required to become a licensed cosmetologist. Students will receive instruction designed to comply with the standards of the Mississippi State Board of Cosmetology and practice techniques in a supervised salon setting.

Salary Range
In Mississippi, the median salary is $25,550. Nationally, the income range is $17,090 - $44,940.

Career Opportunities

• Hair Stylist
• Hair Color Artist
• Facialist or Esthetician
• Waxer

Credentialing Agency
Office Proficiency Assessment and Certification

Credentialing Agency
MS State Board of Cosmetology
**Cosmetology Nail Technology**

The 10-week Cosmetology Nail Technology program prepares individuals with the theory and skills to care for nails with an emphasis on hygiene, sanitation, customer relations, ethics, and salon management that are required to become a licensed nail technician. Students will receive instruction designed to comply with the standards of the Mississippi State Board of Cosmetology and practice techniques in a supervised salon setting.

**Salary Range**

In Mississippi, the median salary is $25,550. Nationally, the income range is $17,090 - $44,940.

**Credentialing Agency**

MS State Board of Cosmetology

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**Career Opportunities**

- Manicurist
- Pedicurist

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**Criminal Justice Technology**

The successful completion of the Criminal Justice Technology Associate of Applied Science Degree will provide the student an opportunity for employment in local, state, and some federal law enforcement agencies such as state and federal probation and parole, correctional counseling, court services and administration, juvenile services, and private security. This program focuses primarily on criminal justice courses addressing different aspects of the field such as police, courts, and corrections.

**Salary Range**

In Mississippi, the median salary is $35,890. Nationally, the income range is $23,900 - $49,570.

**Credentialing Agency**

Mississippi Career Planning and Assessment System

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**Career Opportunities**

- Crime Analyst
- Victim Advocate
- Police Officer
- Private Investigator
- Probation Officer
- Corrections Officer
- Security Specialist
- Surveillance Officer
- State Trooper
Culinary Arts Technology

The Culinary Arts Technology program provides a solid foundation in the methods and science of cooking through exposure to classical, American, and international cuisine, as well as the art of baking and pastries. Special emphasis is placed on culinary tools, equipment, techniques, and specialty ingredients. The heart of the Culinary Arts Technology program is hands-on lab instruction by a chef instructor in a commercial kitchen.

Salary Range
In Mississippi, the median salary is $47,720. Nationally, the income range is $33,150 - $68,420.

Career Opportunities
- Chef
- Restaurant Manager
- Caterer
- Baker or Pastry Chef
- Menu Planner
- Nutritionist
- Personal Chef
- Food Stylist

Credentialing Agency
American Culinary Federation

Hotel & Restaurant Management

The Hotel and Restaurant Management program provides specialized occupational instruction to prepare students for careers as managers/supervisors in the hospitality industry.

Salary Range
In Mississippi, the median salary is $41,380. Nationally, the income range is $21,450 - $84,590.

Career Opportunities
- Hotel Manager
- Restaurant Manager
- Food & Beverage Director
- Catering Manager
- Event Planner
- Fast Food Restaurant Manager

Credentialing Agency
Mississippi Career Planning and Assessment System
Medical Billing and Coding

The Medical Billing and Coding program prepares students for employment in the field of patient billing and medical insurance coding. Individuals in this field use various classification systems to code and categorize patient information for insurance reimbursement purposes.

Salary Range
In Mississippi, the median salary is $34,080. Nationally, the income range is $20,610 - $56,360.

Career Opportunities
- Private Physician Offices
- Medical Clinics
- Hospitals
- Nursing Homes
- Veterans Administration
- Medical Equipment Manufacturer
- Ambulance Services

Medical Transcription

The Medical Transcription program prepares students to transcribe medical reports recorded by physicians and other health care practitioners using various electronic devices, office visits, emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Students will also be prepared to transcribe dictated reports and translate abbreviations into fully understandable forms, as well as edit and return reports in either printed or electronic form for review and signature.

Salary Range
In Mississippi, the median salary is $33,400. Nationally, the income range is $25,520 - $46,060.

Credentialing Agency
Office Proficiency Assessment and Certification

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The Medical Billing and Coding program prepares students for employment in the field of patient billing and medical insurance coding. Individuals in this field use various classification systems to code and categorize patient information for insurance reimbursement purposes.

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Salary Range
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Credentialing Agency
Office Proficiency Assessment and Certification
Travel & Tourism Management Technology

The Travel and Tourism Management Technology program is designed to provide specialized instruction and practice to prepare students for careers in tourism occupations.

Salary Range
In Mississippi, the median salary is $19,520. Nationally, the income range is $16,730 – $37,090.

Career Opportunities
- Event Manager
- Customer Service Manager
- Concierge
- Recreation Manager
- Travel Agent
- Convention Planner

Credentialing Agency
Mississippi Career Planning and Assessment System

Gaming Concentration

Accounting Technology
Train for the unique accounting needs of the gaming industry with specialized classes in casino business strategy and financial accounting.

Salary Range
In Mississippi, the median salary is $36,170. Nationally, the income range is $21,110 - $58,260.

Administrative Office Technology
This program offers administrative office, casino business, and marketing courses for students to gain the entry-level skills needed to be effective professionals in gaming operations.

Salary Range
In Mississippi, the median salary is $39,160. Nationally, the income range is $20,950 - $60,300.

Business and Marketing Management
Learn entry-level skills related to the unique business and marketing characteristics of the casino industry.

Salary Range
In Mississippi, the median salary is $72,980. Nationally, the income range is $45,780 - $120,800.

Business Management
This program combines classes that teach important office skills and software with courses that dig deep into all aspects of the casino industry.

Salary Range
In Mississippi, the median salary is $49,390. Nationally, the income range is $34,040 - $73,010.

Credentialing Agency
Office Proficiency Assessment and Certification

Credentialing Agency
Mississippi Career Planning and Assessment System
Massage Therapy

The Massage Therapy program provides students with knowledge of the anatomy, physiology, and kinesiology of the human body and the techniques and manipulations designed to enhance the physical health of clients. During the nine-month program, students will study basic techniques and modalities to include Swedish, prenatal and sports massage, reflexology, neuromuscular/trigger point massage, deep-tissue massage, chair massage, and industry-specific business and ethics.

Salary Range
In Mississippi, the median salary is $31,980. Nationally, the income range is $17,060 - $47,510.

Career Opportunities
- Spas
- Clinics
- Fitness Centers
- Wellness Centers
- Corporations
- Sports Organizations
- Physician Offices
- Private Practices

Credentialing Agency
Mississippi Board of Massage Therapy
School of Engineering, Mathematics, Data Science, & IT
Coding Technology

Coding Technology is a program offering training in the design, coding and testing of software applications. Instruction includes a variety of programming and scripting languages, Web and mobile application development, database manipulation, hardware maintenance, and security concepts.

Salary Range
In Mississippi, the median salary is $72,830. Nationally, the income range is $47,470 - $105,110.

Career Opportunities
- Coder
- Computer Programmer
- App Developer
- Software Developer
- Database Administrator

Coding Technology Credentialing Agency
Certified Internet Webmaster, Certified Associate in Python Programming

Computer Networking Technology*

Computer network professionals create and support networks to ensure they operate efficiently and securely. Because computer networks have become the backbone of every business, education, and government institution that uses computers, jobs in this area are plentiful. This program provides students with the required skills and expertise to become computer networking technicians and/or network administrators.

*Gaming Concentration

Salary Range
In Mississippi, the median salary is $54,550. Nationally, the income range is $33,750 - $90,170.

Career Opportunities
- Computer System Design Services
- Telecommunications
- Insurance Carriers
- Private Companies
- Government

Credentialing Agency
Certified Internet Webmaster, Cisco Certified Technician
Computer Programming Technology

Computer Programming Technology is designed to prepare students for employment in computer operations, business application software development, Web development, mobile application development and system analysis. Focus is placed on midrange and personal computer programming on the most up-to-date equipment.

Salary Range
In Mississippi, the median salary is $72,830. Nationally, the income range is $47,470 - $105,110.

Career Opportunities
• Software Engineer
• Application Developer
• Web Developer

Credentialing Agency
Certified Internet Webmaster, Certified Associate in Python Programming

Cybersecurity Technology

Cybersecurity Technology is one of the hottest technology degrees in the world due to the increase in attacks on government websites and credit/financial institutions. Cybersecurity technicians plan and carry out security measures to protect an organization’s computer networks and systems. The responsibilities of this field are continually expanding as the number of cyberattacks increases. This program gives students the skills to develop cybersecurity strategies and critical software installation plans.

Salary Range
In Mississippi, the median salary is $70,460. Nationally, the income range is $43,140 - $121,090.

Career Opportunities
• Banks / Financial Institutions
• Hospitals
• Computer Systems Design
• Credit Intermediation
• Consulting Services
• Government

Credentialing Agency
Comptia, Linux
**Data Analytics Technology**

Data analysts formulate and apply mathematical modeling and other optimizing methods to develop and interpret information that assists management with decision making, policy formulation, or other managerial functions. Professionals in this field may collect and analyze data and develop decision-support software, services, or products. They may also develop and supply optimal time, cost, or logistics networks for program evaluation, review, or implementation.

**Salary Range**

In Mississippi, the median salary is $61,160. Nationally, the income range is $42,690 - $136,770.

**Credentialing Agency**

SAS Base Programmer

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**Career Opportunities**

- Insurance Companies
- Banks
- Scientific and Technical Services
- Government
- Educational Institutions
- Securities, Commodity Contracts
- Financial Investments Services

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**IT Specialist Technology**

An information technology (IT) specialist is a computer support and security administrator who assists companies and organizations with managing hardware, software, networking, and solving problems. They analyze requirements, develop and test software, perform computer tasks and troubleshoot problems. This program prepares students for entry-level positions across nearly every industry that needs computer systems support, data security, and network administration.

**Salary Range**

In Mississippi, the median salary is $44,840. Nationally, the income range is $27,710 - $72,970.

**Credentialing Agency**

Comptia

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**Career Opportunities**

- Help/Support Desk Technician
- Computer Support Specialist
- Computer Systems Analyst
- Computer Systems Administrator
- Computer Network Administrator
- Data Security Analyst
- IT Manager

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Simulation and Game Design Technology

The Simulation and Game Design Technology program prepares students to enter employment in computer programming, game development, software engineering, mobile app development, and graphic design industries. Students will learn programming, graphics development, storylines, and business requirements for developing fully functional games and simulation software applications for PC, Apple, and mobile devices.

Salary Range
In Mississippi, the median salary is $70,960. Nationally, the income range is $29,540 - $104,710.

Career Opportunities
- Game Designer
- Simulation Technician
- Game Developer

Credentialing Agency
EON, Unity Realty
School of Manufacturing, Maritime, & Transportation
3D Modeling and Design Technology

The 3D Modeling and Design Technology program is designed to provide instruction in all phases of design technology to prepare students for positions as designers or computer-aided drafting technicians. Instruction includes computer-aided design, architectural design, civil planning, 3D modeling, and manufacturing. A combination of class work and laboratory experience is stressed.

Salary Range
In Mississippi, the median salary is $47,930. Nationally, the income range is $30,980 - $86,850.

Career Opportunities
• Electrical Engineering
• Mechanical Engineering
• Architectural (Commercial and Residential Construction)
• Civil Engineering
• Process Piping
• Shipbuilding

Credentialing Agency
Autocad, Inventor

Apprentice Electric Lineman

The Apprentice Electric Lineman program at the George County Center is a one-semester, 600-hour program. Students receive specialized instruction in certification areas required by the electrical power industry. Upon completion, students are prepared for an entry-level position as an electrical power-line installer or repairer.

Salary Range
In Mississippi, the median salary is $67,150. Nationally, the income range is $40,180 - $80,350.

Career Opportunities
• Electric Line Installation/Repair
• Telecommunications Equipment Installation/Repair
• Power Plant Operation
• Electrician
• Security and Fire Alarm Installation
• Electronics Installation
Automation and Control Technology

Automation and Control Technology is a program that prepares individuals to apply technical skills needed for support of the advanced manufacturing industry. This program focuses on electrical, electronic, hydraulic, and pneumatic control systems, robotics, instrumentation, and automated processes.

Salary Range
In Mississippi, the median salary is $64,410. Nationally, the income range is $44,910 – $88,050.

Career Opportunities
- Chemical Plants
- Petroleum Refineries
- Food Processing Plants
- Water and Air Treatment Plants
- Power Plants

Credentialing Agency
Electronic Technicians Association
Basic Systems Technician

Automotive Technology

The Automotive Technology program prepares graduates for careers in servicing and maintenance of all types of automobiles. Students will engage in coursework covering areas such as engine repair, electrical and electronic systems, engine performance, and brakes. In addition, graduates will earn a work-ready student certification through the National Institute for Automotive Service Excellence (ASE).

Salary Range
In Mississippi, the median salary is $34,670. Nationally, the income range is $20,080 - $62,890.

Credentialing Agency
Automotive Service Excellence
Automotive Technology
Light Duty Diesel

The Light Duty Diesel diploma option offers students an opportunity to specialize after completing the first two semesters of the Automotive Technology program. Students can choose to branch from Automotive Technology into Light Duty Diesel during their last 15 hours of coursework. This option emphasizes the technology, tools, and safety required for light duty diesel service and maintenance.

Salary Range
In Mississippi, the median salary is $34,670. Nationally, the income range is $20,080 - $62,890.

Career Opportunities
• Automotive Service Centers
• Car Dealerships
• Small Engine Repair
• Automotive Repair
• Car Parts Stores or Wholesalers

Credentialing Agency
Automotive Service Excellence

Commercial and Residential Construction Technology

The Commercial and Residential Construction Technology program is designed to prepare individuals for employment opportunities in commercial and residential building general maintenance and repairs. Content of the program includes federal, state, and local codes, and basic maintenance of heating and cooling systems, ice machines, refrigerators, electrical, plumbing, welding, irrigation, and building components.

Salary Range
In Mississippi, the median salary is $30,920. Nationally, the income range is $19,740 - $48,960.

Career Opportunities
• Construction Firm
  (Nonresidential or Residential)
• Government – Civil Engineering
• Construction
• Specialty Trade Contractor
• Self-Employed Contractor

Credentialing Agency
National Center for Construction Education and Research
Commercial Truck Driving

The goal of the Commercial Driving License program is to provide the education and training needed to become a professional truck driver. Based on the Mississippi Curriculum Framework for Postsecondary Commercial Truck Driving, the program includes an introduction, general knowledge, air brakes and combination, maintenance of log books, pre-trip inspection, safety measures, backing skills, over the road driving, and a Mississippi CDL Examination review.

Salary Range
In Mississippi, the median salary is $43,510. Nationally, the income range is $26,430– $63,510

Career Opportunities
• Transportation/Distribution
• Independent Business
• Government
• Forestry/Logging Industry
• Waste Collection

Credentialing Agency
Mississippi Department of Public Safety

Construction Engineering Technology

The Construction Engineering Technology program is an instructional program designed to prepare graduates for employment within the construction industries and firms. Students completing the program will be prepared for jobs in supervision, estimating, construction layout, material handling, safety, leadership, and organization of construction projects. Construction Engineering Technology students learn about the design and construction phases of residential and commercial projects.

Salary Range
In Mississippi, the median salary is $68,000. Nationally, the income range is $56,140 - $164,798.

Credentialing Agency
Office Proficiency Assessment and Certification, Revit

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In Mississippi, the median salary is $43,510. Nationally, the income range is $26,430– $63,510

Career Opportunities
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• Independent Business
• Government
• Forestry/Logging Industry
• Waste Collection

Credentialing Agency
Mississippi Department of Public Safety

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Career Opportunities
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• Independent Business
• Government
• Forestry/Logging Industry
• Waste Collection

Credentialing Agency
Mississippi Department of Public Safety

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Credentialing Agency
Office Proficiency Assessment and Certification, Revit
School of Manufacturing, Maritime, & Transportation

**Electrical Technology**

The Electrical Technology program prepares individuals to install, operate, maintain, and repair electrically energized systems such as residential, commercial, and industrial electrical wiring; DC and AC motors and controls; and electrical distribution panels. Instruction in the use of test equipment and meters is included.

**Salary Range**
In Mississippi, the median salary is $41,960. Nationally, the income range is $29,740 - $63,380.

**Career Opportunities**
• Electrical Contractor
• Wiring Installation Contractor
• Self-Employed Electrician Services
• Manufacturing
• Government

**Credentialing Agency**
National Occupational Competency Testing Institute

**Electronics Technology**

Electronics Technology is a growing industry that is expanding into many areas within telecommunications, biotechnology, and automation. Industry and businesses rely on electronics technology for creating, manufacturing, and maintaining industrial machinery and processes. This program prepares students to become competent electronics technicians and for entry-level employment in scientific research, engineering, and production.

**Salary Range**
In Mississippi, the median salary is $64,610. Nationally, the income range is $44,910 - $88,050.

**Career Opportunities**
• Laboratory Instrument Technician
• Computer Repair
• Biomedical Technician
• Electronics Engineering Technician
• Electronic Assembler
• Testing and Diagnostics

**Credentialing Agency**
Electronic Technicians Association
Basic Systems Technician
Heating, Air Conditioning & Refrigeration Technology

Heating, Air Conditioning, and Refrigeration Technology is an instructional program that prepares individuals to work in engineering departments or private firms installing, maintaining, and operating small or medium air conditioning, heating, and refrigeration systems.

Salary Range
In Mississippi, the median salary is $39,250. Nationally, the income range is $25,230 - $59,680.

Career Opportunities
- Construction Firm (Nonresidential or Residential)
- Government – Civil Engineering
- Construction
- Specialty Trade Contractor
- Self-Employed Contractor

Credentialing Agency
North American Technician Excellence

Heavy Equipment Maintenance Technology

The Heavy Equipment Maintenance Technology – Diesel Option program is an instructional program that provides students with competencies required to maintain and repair a variety of industrial diesel equipment, including agricultural tractors, commercial trucks, and construction equipment.

Salary Range
In Mississippi, the median salary is $45,570. Nationally, the income range is $28,240 - $64,610.

Credentialing Agency
North American Technician Excellence

Career Opportunities
- Diesel Mechanic
- Heavy Equipment Systems Technician
- Heavy Equipment Mobile Equipment Technician
- Heavy Equipment Operator

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In Mississippi, the median salary is $39,250. Nationally, the income range is $25,230 - $59,680.

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- Government – Civil Engineering
- Construction
- Specialty Trade Contractor
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Credentialing Agency
North American Technician Excellence

Career Opportunities
- Diesel Mechanic
- Heavy Equipment Systems Technician
- Heavy Equipment Mobile Equipment Technician
- Heavy Equipment Operator
**Instrumentation & Controls Technology**

This program provides the student with technical knowledge and skills necessary for gaining employment as an automated manufacturing systems technician in maintenance diagnostics, engineering, or production in an automated manufacturing environment. The focus of this program is on electricity/electronics, fluid power, motors and controllers, programmable controls, interfacing techniques, instrumentation, and automated processes.

**Salary Range**
In Mississippi, the median salary is $64,610. Nationally, the income range is $44,910 - $88,050.

**Career Opportunities**
- Chemical Plants
- Petroleum Refineries
- Food Processing Plants
- Water and Air Treatment Plants
- Power Plants

**Credentialing Agency**
Electronic Technicians Association
Basic Systems Technician

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**Maritime Multi-Craft Technology**

The Maritime Multi-Craft Technology program prepares individuals with technician skills in the field of maritime technology leading to credentials from AWS, OSHA, NCCER, Heavy Equipment Operator, and Yamaha Marine University. Skills and the International Association of Drilling Contractors (IADC) Gateway Program. Skills and competencies covered in this program include maritime engine, heavy equipment operator, small engine repair, and industrial maintenance.

**Salary Range**
In Mississippi, the median salary is $33,790 Nationally, the income range is $22,140 - $50,910

**Career Opportunities**
- Marine Repair Technician
- Heavy Equipment Operator
- Maritime Technician
- Small Engine Repair

**Credentialing Agency**
National Center for Construction Education and Research, Yamaha Marine University
Maritime Technology

The Maritime Technology program prepares graduates for a range of career options from a shipfitter to metal or steel fabricator. Job opportunities for shipfitters and steel fabricators are plentiful nationwide. The core of the program includes the content identified by the Gulf States Shipbuilders Consortium (GSSC), plus additional knowledge and skills to enhance the preparation of students to work for major shipbuilders as well as smaller shipyards that build military, commercial, and fishing vessels.

Salary Range
In Mississippi, the median salary is $64,610. Nationally, the income range is $44,900 - $88,050.

Career Opportunities
- Shipbuilding
- Advanced Manufacturing
- Ship Repair
- Marine Construction
- Maritime Repair

Credentialing Agency
United States Department of Labor Registered Apprentice

Precision Manufacturing and Machining Technology

Precision Manufacturing and Machining Technology is an instructional program that prepares individuals to shape metal parts on machines such as lathes, grinders, drill presses, and milling machines.

Salary Range
In Mississippi, the median salary is $42,830. Nationally, the income range is $22,860 - $61,220.

Career Opportunities
- Precision Machinist
- General Machinist
- Machine Tool Operator
- Tool and Die Maker

Credentialing Agency
National Institute for Metal Working Standards
Process Operations Technology

The Process Operations Technology program is designed to prepare technicians for employment in the diverse field of process operations. Many students are offered internships and will have the opportunity to work in a position related to process technology where they will receive work-related application of the classroom training.

Salary Range
In Mississippi, the median salary is $80,640. Nationally, the income range is $45,350 - $103,348.

Career Opportunities
• Petroleum Refineries
• Power Generation Facilities
• Pharmaceutical Plants
• Chemical Plants
• Water, Waste Water Treatment Plants
• Food and Beverage Processing Plants
• Offshore Oil Production Facilities

Credentialing Agency
North American Process Technology Alliance

Unmanned Maritime Systems Technology

The Unmanned Maritime Systems Technology program is a program that prepares the graduate to work in jobs with titles such as Unmanned Maritime Systems Specialist in career fields for shipbuilding, offshore petroleum/drilling, seafood, transportation, tourism, marine engine, or other maritime heavy industrial occupations.

Salary Range
In Mississippi, the median salary is $58,350. Nationally, the income range is $36,520 - $93,450.

Career Opportunities
• Unmanned Systems Specialist
• Submersible Technician
• Remote Operated Vehicle (ROV) Technician
• Autonomous Vehicle Technician

Credentialing Agency
Electronic Technicians Association
Basic Systems Technician
Welding Technology

The Welding Technology curriculum is designed to prepare the student for entry-level employment in the field of welding and cutting.

The welding competencies required in this curriculum were developed to coincide with the Guide of Training and Qualification.

Welding Personnel: Entry-Level Welders (AWS EG2.10-95) and Specification for Qualification and Certification for Entry Level Welders (AWS QC 10-95).

Salary Range
In Mississippi, the median salary is $41,510. Nationally, the income range is $27,800 - $62,050.

Career Opportunities

• Welder
• Cutter
• Solderer
• Brazer

Credentialing Agency
American Welding Society
School of Nursing & Health Professions
Health Care Assistant

The Health Care Assistant (HCA) program option is a 16 credit-hour program designed to prepare students to sit for the national exam to become a Certified Nursing Assistant (CNA). The one-semester program is approved by the Mississippi Nurse Aide Training Program (NATP) and is intended for individuals who have never been certified as nurse aides.

Salary Range
In Mississippi, the median salary is $23,100. Nationally, the income range is $17,970 – $31,060.

Career Opportunities
- Physical Therapy
- Mental Health
- Cardiology
- Nursing

Credentialing Agency
The Health Care Assistant Credentialing Agency is the National Nurse Aide Assessment (NNAAP) Examination for certification as a nurse aid and the National Center for Competency Testing (NCCT) Examination for certification as a phlebotomist.

Practical Nursing

A licensed practical nurse is a nurse who cares for people who are sick, injured, convalescent, or disabled. LPNs work under the direction of physicians. The Practical Nursing (LPN) program includes one semester of prerequisites and three semesters of nursing coursework. The curriculum comprises nursing courses included in the first year of the ADN (Associate Degree Nursing) curriculum, as well as one semester of Practical Nursing courses.

Salary Range
In Mississippi, the median salary is $38,720. Nationally, the income range is $30,140 - $49,430.

Career Opportunities
- Nursing Care Facilities
- Physician Offices
- Hospitals
- Home Health Care
- Continuing Care
- Assisted Living Facilities

Credentialing Agency
National Council of State Boards of Nursing
**LPN, EMS/Paramedic, and Respiratory Therapist to RN Transitional**

This program is designed to assist qualified Licensed Practical Nurses (LPNs) to transition to become Registered Nurses (RNs) via a hybrid learning environment. LPNs accepted into the hybrid option are awarded 14 semester hours of credit for previous nursing education. After successfully completing the summer transitional course (NUR 1115 and/or NUR 1116), students accepted into the hybrid option will bypass the first year courses required of ADN graduates.

**Salary Range**

In Mississippi, the median salary is $58,590. Nationally, the income range is $42,040 – $80,080.

**Career Opportunities**

- Hospitals
- Physician Offices
- Home Health Care Services
- Nursing Care Facilities
- Outpatient Care Centers
- Government Facilities

**Credentialing Agency**

The National Council of State Boards of Nursing

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**Associate Degree Nursing**

The Associate Degree Nursing (ADN) program includes one semester of prerequisites and four semesters of nursing coursework. The ADN program is designed to prepare students to become registered nurses (RNs). The program is state accredited by the Mississippi Board of Trustees of State Institutions of Higher Learning and nationally accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN).

**Salary Range**

In Mississippi, the median salary is $58,590. Nationally, the income range is $42,040 – $80,080.

**Career Opportunities**

- Hospitals
- Physician Offices
- Home Health Care Services
- Nursing Care Facilities
- Outpatient Care Centers
- Government Facilities
- Schools

**Credentialing Agency**

National Council of State Boards of Nursing
Emergency Medical Sciences
EMT & Paramedic
EMT professionals provide basic life support and care to sick and injured persons. This is a single, eight-credit course comprising didactic and laboratory class time and clinical training in the hospital setting and aboard an ambulance. Completion of this course qualifies the student to be eligible to sit for the National Registry of Emergency Medical Technicians exam. This program is designed to prepare qualified Emergency Medical Technicians (EMT) to become professional health care providers at the paramedic level.

Salary Range
In Mississippi, the median salary is $31,360 Nationally, the income range is $19,680 - $48,740.

Career Opportunities
• Ambulance Services
• Local Government
• Hospitals
• Outpatient Care Services

Credentialing Agency
National Registry of Emergency Medical Technicians

Medical Assisting Technology
The Medical Assisting Technology program trains students to become certified medical assistants. Medical Assisting is a multi-skilled allied health profession whose practitioners work primarily in ambulatory settings such as medical offices and clinics. Medical assistants function as members of the health care delivery team and perform many administrative and clinical procedures.

Salary Range
In Mississippi, the median salary is $29,460. Nationally, the income range is $22,140 - $39,480.

Career Opportunities
• Health Practitioner Offices
• Hospitals
• Nursing Care Facilities
• Home Health Services
• Physician Offices

Credentialing Agency
Certifying Board of the American Association of Medical Assistants
Medical Laboratory Technology
The Medical Laboratory Technology (MLT) program prepares individuals to work in a medical laboratory under the supervision of a medical technologist or pathologist and/or other physicians. Students learn how to draw blood and perform lab tests such as blood count, blood typing, microbial cultures, and urinalysis.

Salary Range
In Mississippi, the median salary is $46,150. Nationally, the income range is $29,640 - $79,530.

Occupational Therapy Assistant
The Occupational Therapy Assistant (OTA) Technology program trains individuals in assisting occupational therapists in providing occupational therapy treatments and procedures. OTAs may (in accordance with state laws) assist in development of treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments.

Salary Range
In Mississippi, the median salary is $62,240. Nationally, the income range is $48,720 - $77,840.

Career Opportunities
- Hospitals
- Medical and Diagnostic Laboratories
- Physician Offices
- Outpatient Centers
- Universities, Colleges
- Professional Schools

Credentialing Agency
American Society for Clinical Pathology
Board of Certification

Career Opportunities
- Health Practitioner Offices
- Hospitals
- Nursing Care Facilities
- Home Health Services
- Physician Offices

Credentialing Agency
The National Board for Certification in Occupational Therapy (NBCOT)
Physical Therapist Assistant

The Physical Therapist Assistant (PTA) program prepares students to perform physical therapy interventions under the supervision of a physical therapist. PTAs can practice in hospitals, outpatient clinics, rehabilitation centers, extended-care facilities, home-health agencies, and other health care settings.

Salary Range
In Mississippi, the median salary is $50,410. Nationally, the income range is $20,920 - $74,360.

Career Opportunities
• Health Practitioner Offices
• Hospitals
• Nursing Care Facilities
• Home Health Services
• Physician Offices

Credentialing Agency
Federation of State Boards of Physical Therapy

Respiratory Care Technology

Respiratory Care Technology is a two-year (five-semester) program in which graduates will receive an Associate of Applied Science degree and will be eligible to take the national credentialing exam to become a registered respiratory therapist (respiratory care practitioner). Respiratory Care Therapists apply scientific principles to prevent, identify, and treat acute or chronic dysfunction of the cardiopulmonary system. Their knowledge of the scientific principles underlying cardiopulmonary physiology and pathophysiology, as well as biomedical engineering and technology, enables them to effectively assess, educate, and treat patients with cardiopulmonary disorders.

Salary Range
In Mississippi, the median salary is $34,080. Nationally, the income range is $20,610 - $56,360.

Career Opportunities
• Hospitals
• Specialty Hospitals
• Nursing Care Facilities
• Physician Offices

Credentialing Agency
National Board for Respiratory Care

Physical Therapist Assistant

The Physical Therapist Assistant (PTA) program prepares students to perform physical therapy interventions under the supervision of a physical therapist. PTAs can practice in hospitals, outpatient clinics, rehabilitation centers, extended-care facilities, home-health agencies, and other health care settings.

Salary Range
In Mississippi, the median salary is $50,410. Nationally, the income range is $20,920 - $74,360.

Career Opportunities
• Health Practitioner Offices
• Hospitals
• Nursing Care Facilities
• Home Health Services
• Physician Offices

Credentialing Agency
Federation of State Boards of Physical Therapy

Respiratory Care Technology

Respiratory Care Technology is a two-year (five-semester) program in which graduates will receive an Associate of Applied Science degree and will be eligible to take the national credentialing exam to become a registered respiratory therapist (respiratory care practitioner). Respiratory Care Therapists apply scientific principles to prevent, identify, and treat acute or chronic dysfunction of the cardiopulmonary system. Their knowledge of the scientific principles underlying cardiopulmonary physiology and pathophysiology, as well as biomedical engineering and technology, enables them to effectively assess, educate, and treat patients with cardiopulmonary disorders.

Salary Range
In Mississippi, the median salary is $34,080. Nationally, the income range is $20,610 - $56,360.

Career Opportunities
• Hospitals
• Specialty Hospitals
• Nursing Care Facilities
• Physician Offices

Credentialing Agency
National Board for Respiratory Care
Radiologic Technology
Radiographers perform imaging examinations and accompanying responsibilities at the request of physicians qualified to prescribe and/or perform radiologic procedures. Graduates of this program will be awarded an Associate of Applied Science Degree in Radiologic Technology and are eligible to make application to the American Registry of Radiologic Technology to become a Registered Radiographer.

Salary Range
In Mississippi, the median salary is $44,400. Nationally, the income range is $25,680 - $71,900.

Career Opportunities
- Hospitals
- Physician Offices
- Medical and Diagnostic Laboratories
- Outpatient Care Centers
- Government Facilities

Credentialing Agency
The joint review committee on education in radiologic technology.

Surgical Technology
Surgical Technology graduates serve as members of the surgical team to work with surgeons, anesthesiologists and certified registered nurse anesthetists, registered nurses, and other surgical personnel in delivering patient care and assuming appropriate responsibilities before, during, and after surgery. Surgical technologists assist the surgeons in surgical procedures by preparing the room, instruments, and equipment.

Salary Range
In Mississippi, the median salary is $34,080. Nationally, the income range is $20,610 - $56,360.

Career Opportunities
- Hospitals
- Outpatient Care Facilities
- Physician Offices
- Dental Offices

Credentialing Agency
National Board of Surgical Technology and Surgical Assisting
Public Health Technology/Navigator

The term Navigator is a generic health professional discipline which focuses on the personal and community needs of the client. As a Navigator, the graduate will help guide the client through the healthcare system and work to overcome obstacles that may hinder the client from receiving the appropriate information, care, treatment, and follow-up required to maximize health and wellness. Navigators develop the social and relevant skills necessary to help support the client, family, and/or community needs through the continuum of the health care environment.

Salary Range
In Mississippi, the median salary is $41,123. Nationally, the income range is $37,200 - $45,616.
School of Human Sciences & Education
Early Childhood Education Technology

Upon completion of this program, students will be prepared to provide services, teach, and guide young children in various professions in early childhood education.

The curriculum meets the Mississippi Department of Education Standards and Guidelines for Pre-Kindergarten.

Salary Range
In Mississippi, the median salary is $18,590. Nationally, the income range is $16,380 – $24,620.

Career Opportunities
- Early Childhood Education Programs
- Public & Private Centers
- Recreational Centers
- Hospital Centers

Credentialing Agency
Pre-Professional Assessment and Certification

Human Services Technology

This program will prepare students with entry-level skills required for jobs in the field of human services. The field of human services is an interdisciplinary field which includes applied sociology, psychology, economics, political science, and other behavioral sciences focusing on prevention, remediation, and improving the quality of life for those in need.

Salary Range
In Mississippi, the median salary is $26,940. Nationally, the income range is $19,050 - $41,340.

Career Opportunities
- Social Work Assistant
- Case Manager
- Patient Advocate
- Substance Abuse Counselor
- Guidance Counselor
- Probation Officer
- Human Resources Assistant
- Care Coordinator
- Community Outreach Worker
School of Language Arts
Interpreter Training Technology

In this program, students learn how to interpret spoken English into American Sign Language and to translate American Sign Language into spoken English through role-playing and the use of video. In addition, training will be given in transliteration and oral interpretation.

Salary Range

In Mississippi, the median salary is $40,410. Nationally, the income range is $24,980 - $75,540.

Career Opportunities

- Professional, Scientific, and Technical Services
- Education Services
- Hospitals
- Government

Credentialing Agency

National Interpreter Exam
School of Visual & Performing Arts
**Graphic Design Technology**

Students in Graphic Design Technology gain the interactive, research, design, and technical skills necessary to create graphic solutions for clients. Core topics include publication production, visual literacy, typography, and layout design. Through incorporation of these topics, students complete projects focused on logo design, corporate identity, packaging design, and/or interactive technologies. Graphic Designers work closely with their clients and must be strong communicators in order to achieve the client’s objectives successfully.

**Salary Range**
In Mississippi, the median salary is $37,810. Nationally, the income range is $25,240–$70,570.

**Career Opportunities**
- Graphic Designer
- Illustrator
- Creative Director
- Art Director
- Printer

**Credentialing Agency**
Mississippi Career Planning and Assessment System

**Live Entertainment Technology**

The Live Entertainment Technology program trains individuals to enhance live performances by affecting the audience’s senses using audio, video, and lighting technologies appropriate to the production and its environment. Students will learn the fundamental knowledge, skills, and abilities to design, maintain, and operate technology systems in entertainment and sporting venues, churches, auditoriums, casinos, theatres, convention hotels, and trade shows.

**Salary Range**
In Mississippi, the median salary is $33,710. Nationally, the income range is $19,650–$52,610.

**Career Opportunities**
- Audio Visual Technician
- Sound Technician
- Stage Technician
Gulf Coast offers some Career programs in an accelerated format, allowing students to earn a diploma in one year for one all-inclusive cost. Students who successfully complete an Excelerate Program will receive both a certificate and diploma, giving them the necessary credentials to begin a career. Students can quickly earn an associate degree in addition to the core program, allowing for transfer to a four-year institution. From registration and payment to textbooks and courses, Excelerate Programs make getting a degree easy and straightforward.
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