



Health Science Cluster

Practical Nursing - Phase I - (Seniors Only)

Health care professionals know nursing is not just a job; it's a way of life. During this 18 month program (Phase I & Phase II), students study anatomy and physiology, nutrition, fundamentals of nursing, math, medical-surgical nursing, pharmacology, maternity - pediatric nursing. During Phase II, students gain necessary practical skills while under the supervision of a registered nurse or physician in clinical practice at hospitals, doctors' offices and nursing homes as well as devote time to classroom studies at MCTEC. To enroll in Phase I, high school students must be seniors, apply for entrance into the program, receive a written recommendation from their guidance counselor and be tested for admission. Your guidance counselor has applications for admission and other information concerning Practical Nursing. The average hourly wage for a practical nurse is \$19.52 an hour with many practical nurses earning about \$25.24 an hour.

General Information

It is suggested that students successfully complete Math for the Technologies or Algebra 1 before enrolling in a program at MCTEC.

Practical Nursing I and EMT-Basic are only open to high school Seniors. Health Science I is only open to high school Juniors or Seniors. The first year of Cosmetology is only open to high school Juniors. A student enrolling in Nail Technology must be 16 by March 1st.

Practical Nursing, EMT-Basic, Cosmetology, and Nail Technology are tuition free to Marion County high school students; however, students entering these programs must pay fees associated with student kits, books, uniforms and state board examinations.

Students enrolling in EMT-Basic must meet the minimum requirements set by Florence Darlington Technical College for WorkKeys assessments and for entrance into the program.

If it becomes evident after registration that there are not enough students enrolled for a program to be offered, students will be notified and given an opportunity to register for another program. If there are more students registered for a program than can be accommodated, a lottery system will be used to determine which students will be enrolled. Students not selected through the lottery will be given an opportunity to register for another program.

Salary information was compiled from the current edition of the Occupational Outlook Handbook published by the U.S. Department of Labor (www.bls.gov/oco). Potential earnings are based on national salaries for an average 40-hour work week. Local earnings will vary and depend upon business conditions and a worker's level of education, motivation and experience.

Activities - Awards - Recognition

Honor Roll, Student-of-the-Month and Outstanding Graduate recognition programs are available to all students. The Students-At-Work program provides successful students with opportunities to participate in internships at area businesses. The Renaissance Journey rewards students for good behavior, academic performance, attendance, community service and in other areas by providing them with the chance to win a car at the end of the school year. The FIRST Robotics program allows students to work with professional engineers in designing, building and competing with a robot in regional and national competitive events. HOSA, ProStart and SkillsUSA chapters are established and provide students with opportunities to participate in national leadership organizations.

MCTEC

Marion County Technical Education Center

CAREER GUIDE

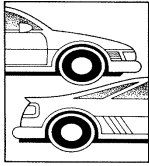
2012-2013



Students Preparing for the World

The Marion County Technical Education Center has a long history of serving the needs of area students with relevant career-building educational opportunities. MCTEC is unique among Marion County schools in that facilities, instructors, tools, and equipment have been brought together in one place to represent careers in which students can choose to gain skill training. Programs are offered from seven career clusters and are open to any high school student. Most courses are two years in length and meet five days per week; students enroll in Level One during their sophomore or junior year and complete Level Two the following year. Classes meet 160 minutes per day and students can earn four units of credit each year. Enrollment is tuition free for Marion County high school students. All courses except for Practical Nursing I and EMT-Basic are offered without any pre-entrance testing or any prerequisites. Please note grade-level or age requirements for Health Science, Cosmetology, Nail Technology, EMT-Basic, and Practical Nursing. Decide now to enroll at MCTEC and at your graduation you will have received much more than your diploma. You will have gained the training, knowledge, skills and confidence necessary for your future success.

THE COURSES



Transportation Cluster

Auto Collision Repair Technology (1 & 2)

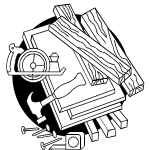
Students are taught the skills to rebuild and restore cars. You can fix a fender bender or transform a total wreck, paint a Camaro or repair a Mustang. Paint finishing, glass replacement and fiberglass repairs are some of the many skills mastered through classroom and hands-on experiences. This course prepares students for many careers in body repair and restoration, fabrication and paint finishing. Students receive safety training before participating in hands-on projects. The salary range for auto body technicians is \$10.74 per hour to over \$30.17 per hour earned by master technicians.



Transportation Cluster

Automotive Technology (1 & 2)

Today's modern vehicle is a complex, technologically advanced machine. Computers, electronics, fuel injection, anti-lock braking and hybrid engines are the world of the automotive technician. Students receive the technical education increasingly in demand by automotive dealerships, independent garages and equipment manufacturers through in-depth theory and extensive hands-on training in the automotive lab by working on live projects. Students receive safety training before participating in hands-on projects. The salary range for automotive technicians is \$9.56 per hour to over \$28.71 per hour earned by master technicians.



Architecture and Construction Cluster

Construction Trades (1 & 2)

Do you enjoy designing and building? This course allows you to gain basic skills used in various construction trades including carpentry, cabinet making, masonry, plumbing, HVAC and electricity. Students learn to read blueprints, frame buildings, install electrical outlets and lights, build cabinets, install plumbing fixtures and piping, build masonry walls, install heating and cooling systems and many other construction skills. Opportunities for real-life experiences are available through classroom projects. Students receive safety training before participating in hands-on projects. Math and reading skills are important. The salary range is from \$11.66 per hour for beginning carpenters to \$33.34 per hour for many master carpenters.



Human Services Cluster

Cosmetology (1 & 2)

If you enjoy working with people and their grooming needs, cosmetology may be for you. Students learn techniques and styles used in hairdressing, facials, manicures and more. The program prepares students with theory and practical skills to pass the State Cosmetology Examination that is required to obtain a cosmetologist license. For this reason, it is suggested that students have a sound science background. Students receive safety training before participating in hands-on projects. Salaries for cosmetologists range from \$7.47 per hour to over \$20.41 an hour. These salary figures don't include tips and gratuities which can be significant.



Hospitality and Tourism Cluster

Culinary Arts (1 & 2)

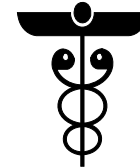
Students are introduced to the fast-paced world of food service - one of the most popular career fields in the world. Concepts of food preparation, nutrition and serving are learned in a commercial kitchen. Students develop management skills as they prepare and serve at luncheons and meetings in the adjacent conference center. This course can lead to advanced study in culinary arts and hospitality with exciting careers at resorts, on cruise ships or in your own business. Students receive safety training before participating in hands-on projects and are given the nationally recognized ServSafe examination. The salary range for chefs is \$11.06 per hour to about \$33.34 per hour depending on experience and skills.



Arts Technology, Communications Cluster

Entertainment Technology (1 & 2)

Lights, camera, action! If these are your cues, you will be interested in this course. Students gain skills in the technologies used behind the scenes in the entertainment industry such as computer technology, audio/visual recording and production, set design and construction, stage lighting, and sound systems. Behind-the-scenes opportunities will be provided through partnerships with entertainment sites such as the Alabama Theater and through local events. Studies will also include digital video editing and production. Students receive safety training before participating in hands-on projects. The salary range for sound, audio or video technicians is \$10.75 an hour to about \$33.01 an hour.



Health Science Cluster

Health Science (1 & 2)

This course is open only to Juniors and Seniors. It is designed for students who wish to explore the large variety of careers in the health care field. Students gain academic and technical skills necessary for the transition from the classroom to work-based health care learning experiences. Studies include anatomy and physiology, medical terminology, health care delivery systems, teamwork, legal and ethical practices, safety, health and wellness, cardiopulmonary resuscitation, first aid and effective communication. The goal of this program is to provide the skills common to a wide variety of health care professions by exploring a large number of health care career paths. Students receive safety training before participating in hands-on projects. Several examples of the wages paid in careers this program can lead to include practical nurses earning an average of \$19.52 per hour and clinical laboratory technicians averaging \$26.75 an hour.



Human Services Cluster

Nail Technology (One year only)

Nail Technology is related to the Cosmetology program but is designed for students to specialize in providing nail services to clients. Students must enjoy working with people and being professional. Nail Technology is a one-year course that covers all aspects of nail care, manicures, pedicures, plastic and brush on nails, nail art, nail repair and more. Students are prepared with the theory and skills needed to pass the State Examination. Many students are licensed and work as technicians while still in school. You must be 16 years old by March 1st to enroll. Students receive safety training before participating in hands-on projects. The hourly salary for a nail technician ranges from \$7.47 per hour to over \$20.41 per hour. These salary figures don't include tips and gratuities.



Law Enforcement, Public Safety & Security Cluster

911 Dispatcher (First semester only)

Dispatchers are communications personnel who are responsible for receiving and transmitting accurate and reliable messages, tracking vehicles and personnel, and recording vital information. A large number of organizations, including law enforcement agencies, fire departments, emergency medical services, public utilities, and others use dispatchers to relay information and coordinate operations. Essentially, the 911 dispatcher is the "conductor" of the 911 network and is responsible for the direction of all units within it. This one-semester course will prepare students with the skills and training to work as 911 emergency dispatchers. Students receive safety training before participating in hands-on projects. The median salary for a 911 dispatcher is about \$16.84 per hour.



Health Science Cluster

EMT-BASIC (Seniors only - Second semester)

People's lives often depend on the quick reaction and competent care of Emergency Medical Technicians (EMTs) and paramedics. Emergency Medical Technician - Basic (EMT-B) is an entry into this exciting and fast-paced medical career field. EMT-Bs focus on rapid in-field treatment and transportation of patients to higher-level medical providers. EMT-Bs work in conjunction with other medical providers such as paramedics, nurses and doctors. This one-semester course is offered only to Seniors and is offered during second semester. Students receive safety training before participating in hands-on projects. The hourly salary for an EMT ranges from \$9.08 per hour to about \$23.77 per hour.

The Mission of the Marion County Technical Education Center is to ensure that students of all ages will acquire skills for a changing global workforce by providing a program of study in a safe, modern learning environment.