Career Clusters & Pathways

Focusing Education on the Future!
Preparing for Success in
Health Science
Orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases.

It is the largest and fastest growing industry in the United States.

Employs over 10 million workers in more than 200 careers.
Necessary Skills and Traits

- Solid background in math, science, communications, and technical skills
- Knowledgeable in their subject
- Ability to communicate with others
- Ability to inspire trust and confidence
Preparing for Success in Health Science

- Therapeutic Services
- Diagnostic Services
- Health Informatics
Preparing for Success in Health Science

Therapeutic Services
To complete a pathway, one must take THREE Pathway Required Concentration Courses and ONE additional Pathway Elective Course.

Pathway Concentration Courses (3)
- Application of Therapeutic Services
- Concepts of Emergency Medicines
- Introduction to Healthcare Science (Required)
- Introduction to Public Health
- Introduction to Therapeutic Medicine
- Medical Calculations and Drug Administration
- Nursing Essentials
- Pharmacy Operations Fundamentals

Pathway Elective Courses (1)
- Advanced Public Health*
- Apprenticeship/Internship
- Medical Terminology in Healthcare systems
- Other Pathway Concentration Course
Other Recommended Electives

 Therapeutic Services

- Biology
- Chemistry
- Computer Applications
- Human Anatomy & Physiology
- Modern Language
- Psychology
Post-Secondary Degrees, Diplomas & Certificates

Therapeutic Services

Technical Colleges
- Dental Assistant
- Health Care Assistant
- Paramedic Technology
- Physical Therapy Assistant
- Practical Nursing
- Respiratory Care Tech
- Surgical Tech
- Veterinary Technology

Colleges/Universities
- Dentistry
- Exercise/Sport Science
- Medicine
- Nursing
- Pharmacy
- Physical Therapy
- Psychology
- Social Work
Careers in Therapeutic Services

- Acupuncturist
- Audiologist
- Dental Lab Technician
- EMT
- Massage Therapist
- Optometrist
- Registered Nurse
- Athletic Trainer
- Chiropractor
- Dentist
- Exercise Physiologist
- Medical Assistant
- Paramedic
- Social Worker
- Anesthesiologist Assistant
- Certified Nursing Assistant
- Dietician
- Home Health Aide
- Licensed Practical Nurse
- Pharmacist/Pharmacy Tech
- Surgical Technician
- Art/Music/Dance Therapist
- Dental Assistant/Hygienist
- Dosimetrist
- Kinesiotherapist
- Mortician
- Physical Therapist
- Veterinarian/Vet Technician
The demand for healthcare workers will remain high through 2020.

As the role of Therapeutic careers changes, professionals in this pathway will find increased opportunities to work independently.

Additionally, an increasing number of career opportunities are becoming available outside to the traditional hospital setting.
Preparing for Success in Health Science

Diagnostic Services
Pathway Major Courses

3 + 1

To complete a pathway, one must take THREE Pathway Required Concentration Courses and ONE additional Pathway Elective Course.

Pathway Concentration Courses (3)
- Application of Therapeutic Services
- Introduction to Healthcare Science
- Introduction to Medical Lab Technologies

Pathway Elective Courses (1)
- Apprenticeship/Internship
- Introduction to Public Health
- Medical Calculations & Drug Administration
- Medical Terminology in Healthcare Systems
- Other Pathway Concentration Course
Other Recommended Electives

Diagnostics Services

- Biology
- Chemistry
- Computer Application
- Human Anatomy & Physiology
- Physics
- Psychology
Post-Secondary Degrees, Diplomas & Certificates

Diagnostics Services

Technical Colleges
- Diagnostic Medical Sonographer
- Medical Laboratory Technician
- Phlebotomy Technician
- Radiologic Technology

Colleges/Universities
- Cardiovascular Technologist
- Genetics
- Medical Technologist
- Medicine
- Nuclear Medicine Technologist
Careers in Diagnostics Services

- Cardiovascular Technologist
- Cytogenetic Technologist
- Electrocardiographic Technician
- Histotechnician
- Mammographer
- Nuclear Medicine Technologist
- Clinical Lab Technician
- Cytotechnologist
- Exercise Physiologist
- Pathology Assistant
- Medical Technologist
- Radiologist
- Computer Tomography Technologist
- Diagnostic Medical Sonographer
- Electronic Diagnostic Technologist
- Magnetic Resonance Technologist
- Clinical Laboratory Scientist
- Radiologic Technologist
- Nutritionist
- Pathologist
- Geneticist
- Histotechnologist
- Phlebotomist
- Radiographer
The demand for healthcare workers will remain high through 2020.

As technology advances, the need for additional training for diagnostic careers will increase.

An increasing number of career opportunities are becoming available outside of the traditional laboratory setting.
Preparing for Success in Health Science

Health Informatics
Pathway Major Courses

3 + 1

To complete a pathway, one must take THREE Pathway Required Concentration Courses and ONE additional Pathway Elective Course.

Pathway Concentration Courses (3)
- Applications in Health Informatics
- Application of Therapeutic Services
- Introduction to Healthcare Science (Required)
- Introduction to Public Health
- Medical Terminology in Healthcare Systems
- Nursing Essentials

Pathway Elective Courses (1)
- Advanced Public Health*
- Apprenticeship/Internship
- Computer Applications
- Medical Calculations and Drug Administration
- Other Pathway Concentration Course
Other Recommended Electives

Health Informatics

- Biology
- Business Data Applications
- Chemistry
- Human Anatomy & Physiology
- Psychology
Post-Secondary Degrees, Diplomas & Certificates

Health Informatics

**Technical Colleges**
- Administrative Office Technology
- Medical Assistant
- Medical Coding
- Medical Receptionist
- Medical Transcription Technician

**Colleges/Universities**
- Health Administration
- Health Promotion & Education
- Health Systems
- Library Science
- Public Health
Careers in Health Informatics

- Admitting Clerk
- Epidemiologist
- Medical Assistant
- Social Worker
- Transcriptionist
- Applied Researcher
- Medical Biller
- Health Information Coder
- Health Information Services
- Public Health Educator
- Healthcare Administrator
- Patient Financial Services
- Medical Information Tech
- Medical Librarian/Cybrarian
- Reimbursement Specialist
- Data Analyst
- Health Educator
- Risk Management
- Patient Advocate
- Unit Coordinator
Employment Outlook

Health Informatics

- Based on an increasing reliance on electronic information, the demand for these workers will remain high through 2020.
- Many career opportunities are available throughout the healthcare system.
Preparing for Success in Health Science

Therapeutic Services
Diagnostic Services
Health Informatics
Preparing for Success in Health Science
HALL COUNTY COUNTRY CLUSTERS

Focusing Education on the Future!