Health Science Cluster
Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Diagnostic Services – Phlebotomy Pathway
The Diagnostic Services – Phlebotomy pathway is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Diagnostics pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover: anatomy and physiology of each body system, and the medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Diagnostic Services pathway use tests and evaluations that aid in the detection, diagnosis and treatment of diseases, injuries or other physical conditions. The third course in this Diagnostic pathway will cover the skills and knowledge in infection control, safety, and techniques used in phlebotomy. This pathway culminates with an opportunity for students to take a Phlebotomy end of pathway assessment from the National Health Career Association or National Center for Competency Testing and potentially earn the Phlebotomy credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Phlebotomy

Diagnostic Services – Medical Lab Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Diagnostics pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover: anatomy and physiology of each body system, and the medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Diagnostic Services pathway use tests and evaluations that aid in the detection, diagnosis and treatment of diseases, injuries or other physical conditions. The third course in this Diagnostic pathway will cover the skills and knowledge related to the various areas in the lab, the tests performed, and techniques and procedures utilized. This pathway culminates with an opportunity for students to take the Medical Lab end of pathway assessment from the National Health Career Association or National Center for Competency Testing and potentially earn the Medical Lab Assistant credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability,
communication, and technology skills necessary in the healthcare industry. The concepts of human growth and
development, interaction with patients and family members, health, wellness, and preventative care are
evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare
skills development is initiated including microbiology, basic life support and first aid. This course will provide
students with a competitive edge to be the better candidate for either entry into the healthcare global
marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Clinical lab Technology

Diagnostic Services – Non-invasive Technology in Healthcare Pathway
The Diagnostic Services – Non-invasive Technology in Healthcare pathway is one of 16 pathways in the Health
Science Cluster. After completing an Introduction to Healthcare Science course, students in the Diagnostics
pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in
this pathway, Essentials of Healthcare will cover: anatomy and physiology of each body system, and the medical
terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the
Diagnostic Services pathway use tests and evaluations that aid in the detection, diagnosis and treatment of diseases,
injuries or other physical conditions. The third course in this Non-invasive Diagnostic pathway will address
procedures used in various non-invasive procedures including EKG. This pathway culminates with an opportunity
for students to take the EKG (or other) end of pathway assessment from the National Health Career Association or
National Center for Competency Testing and potentially earn the EKG credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science
pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable
students to receive initial exposure to the many Healthcare Science careers as well as employability,
communication, and technology skills necessary in the healthcare industry. The concepts of human growth and
development, interaction with patients and family members, health, wellness, and preventative care are
evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare
skills development is initiated including microbiology, basic life support and first aid. This course will provide
students with a competitive edge to be the better candidate for either entry into the healthcare global
marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Non-invasive Diagnostic Technology in Healthcare

Health Informatics Pathway
The Health Informatics pathway is one of 16 pathways in the Health Science Cluster. After completing an
Introduction to Healthcare Science course, students in the Health Informatics pathway will be exposed to necessary
skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare
will cover anatomy and physiology of each body system, as well as medical terminology, diseases and disorders,
diagnosis and treatment and skills related to each system. In the third course, students will be exposed to medical
office skills and knowledge related to the business side of healthcare and medical information as it relates to
patients. They will learn about medical insurance and coding. Careers in the Health Informatics pathway include
many different levels of health care related employment. This pathway includes health care administrators who manage health care agencies, as well as those individuals who are responsible for managing all of the patient data and information, financial information, and computer applications related to healthcare processes and procedures. This pathway culminates with an opportunity for students to take the Medical Office Assistant end of pathway assessment from the National Health Career Association or National Center for Competency Testing and potentially earn the Medical Office Assistant credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Applications of Health Informatics

Health Informatics – Health IT Pathway
The Diagnostic Services – Non-invasive Technology in Healthcare pathway is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Health Informatics/Health IT pathway will be exposed to necessary skills and knowledge useful in any area in Healthcare. The second course is more specific to essential knowledge and skills in Health IT. The third course will be specific to the clinician/provider side of Health IT including: electronic medical records, the Health Information Exchange, telemedicine, the use of mobile apps and kiosks in healthcare, as well as other aspects of technology being utilized in healthcare. The Health IT industry is a new and rapidly growing field that needs employees with knowledge and skills in both Healthcare and Information Technology (IT). Georgia, especially the metro Atlanta area is the nation’s leader in Health IT, with over 250 companies in this area alone. Careers in Health IT design, develop, and deliver state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for healthcare facilities. Beyond an introduction of medical terminology, Health IT interfaces with clinical, reference, epidemiological, financial, and demographic data and is responsible for the collection, storage, use, and transmission of this information. Maintenance of health records in hospitals, clinics, health departments, insurance companies, governmental agencies, and other settings is highly technical to ensure that gathered information is accurate and recorded properly for patient care. The Health IT field is becoming increasingly vital in the medical field as transition to electronic information management as the world becomes more and more technologically dependent. Options for the end of pathway assessment for this pathway are still being explored.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and
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development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Health IT

Proposed Course 3 – Applications of Health IT/Healthcare

Support Services Pathway

The Support Services pathway is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Support Services pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, including medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Support Services pathway provide a therapeutic environment for the delivery of health care. Support Services offers a full range of career opportunities from entry level to management, including technical and professional careers. The third course in this pathway will introduce students to skills and knowledge in areas such as central supply, patient transport, and diet and nutrition services. Options for the end of pathway assessment for this pathway are still being explored, but could potentially include Patient Transport or Central Sterile Supply with the potential to earn a Patient Transport credential or a Central Supply credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Essentials of Healthcare Support Services

Biotechnology Research and Development Pathway

The Biotechnology Research and Development is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Support Services pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, applications in biotechnology and the third course qualify for 4th science credit at the four-year university level. Careers in the Biotechnology Research and Development pathway involve bioscience research and development as it applies to human health. These scientists may study diseases to discover new treatments or invent medical devices used to directly assist patients or to improve the accuracy of diagnostic tests. Georgia has a growing biotech industry with
many new companies calling our state home. Options for the end of pathway assessment for this pathway are still being explored.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Introduction to Biotechnology

Proposed Course 3 - Applications of Biotechnology

Therapeutic Services – Nursing Pathway
The Therapeutic Services – Nursing pathway is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science, students in the Therapeutic Services - Nursing pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; and may provide care, treatment, counseling and health education information. There are many ways to advance in the nursing field including: licensed practical nurse, registered nurse, clinical nurse specialist, nurse practitioner nurse anesthetist, and nurse midwife. Many nursing schools now require a student to have their CNA prior to applying for the program, so the certified nursing assistant credential is a good starting point for not only nursing, but other medical careers. The third course in this pathway includes patient care skills including vital signs, personal care; patient transfer (must adhere to the guidelines of the GA Medical Care Foundation). This pathway culminates with an opportunity for students to take the certified nursing assistant (CNA) end of pathway assessment from the GA Medical Care Foundation and potentially earn the certified nursing assistant (CNA) credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.
Therapeutic Services – Public Health Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science, students in the Therapeutic Services – Public Health pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare, will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; to provide care, treatment, counseling and health education information. The third course in this pathway will focus on Public Health, including the various different areas of concentration such as maternal child or epidemiology. Options for the end of pathway assessment for this pathway are still being explored.

Proposed Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Applications of Public Health

Therapeutic Services – Dental Services Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Therapeutic Services - Dental pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information. The third course is designed to provide an overall framework of basic skills utilized in the dental health occupations. The course content includes in-depth study and practical applications of: office procedures, patient management, dental charting, chair side assisting, dental terminology, and pathology, as well as practical applications of oral health and nutrition, pharmacology and anesthesia, radiology, laboratory procedures, and other specialty areas in dentistry. Options for the end of pathway assessment for this pathway are still being explored.
Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Introduction to Dental Science

Therapeutic Services – Pharmacy Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Therapeutic Services – Pharmacy pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information. The third course will involve pharmacy calculations and pharmacy operations. Healthcare workers in the field of pharmacy such as pharmacy technicians and pharmacists continue to be a need across the nation, but pharmacy skills are also needed by other healthcare professions such as nursing, physician assistants, and physicians. Options for the end of pathway assessment for this pathway are still being explored.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Pharmacy Operations Fundamentals

Therapeutic Services – Emergency Medical Responder Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science course, students in the Therapeutic Services – Emergency Medical Responder
pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information. Every year, fires and other emergencies take thousands of lives and destroy property worth billions of dollars. Firefighters and emergency services workers help protect the public against these dangers by rapidly responding to a variety of emergencies. Frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to put out a fire, treat injuries or perform other vital functions. Many local emergency departments require their employees to be cross-trained. This pathway culminates with an opportunity for students to take the Emergency Medical Responder end of pathway assessment from the National Registry of Emergency Medical Technicians (NREMT) and potentially earn the EMR credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Health Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Emergency Medical Responder

**Therapeutic Services – Emergency Management and 911 Dispatch Pathway**
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science, students in the Therapeutic Services – Emergency Management and 911 Dispatch pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information. Emergency management coordinates the efforts of all public safety personnel in a particular county, district or community. The emergency dispatch or 911 centers may not only coordinate the response of medical services, but may also dispatch fire and law enforcement units as well. Options for the end of pathway assessment for this pathway are still being explored.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Health Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are
evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Principles of Physical Medicine
geared towards students interested in a career in sports medicine and focuses on injury prevention and skills used in an athletic trainer aide role. This pathway culminates with an opportunity for students to take the sports medicine end of pathway assessment from the National Academy of Sports Medicine (NASM) and potentially earn the sports medicine aide credential.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare
Proposed Course 3 – Principles of Sports Medicine

Therapeutic Services – Allied Health Pathway
The Diagnostic Services – Medical Lab is one of 16 pathways in the Health Science Cluster. After completing an Introduction to Healthcare Science, students in the Therapeutic Services – allied health pathway will be exposed to necessary skills and knowledge useful in any area in healthcare. The second course in this pathway, Essentials of Healthcare will cover anatomy and physiology of each body system, medical terminology, diseases and disorders, diagnosis and treatment and skills related to each system. Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information. According to http://explorehealthcareers.org the term Allied Health (or Health-Related Professions, at some institutions) is used to identify a cluster of health professions, encompassing as many as 200 health careers (see list below). There are 5 million allied health care providers in the U.S., who work in more than 80 different professions and represent approximately 60% of all health care providers -- but this is just a drop in the bucket in terms of how many allied health care workers are needed to meet current and future healthcare needs in America. The third course of this pathway allows students to gain knowledge and experience some basic skills in a variety of these occupations, and then have a more focused experience on the area they are most interested in. Completion of this focused experience (through a variety of means – ex. Internship, computer program in combination with skills practice) could lead to a variety of different credentialing opportunities and credentials, ex. Patient Care Technician. Options for the end of pathway assessment for this pathway are still being explored.

Course 1 – Introduction to Healthcare Science 25.52100
Course Description: Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today’s healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the
better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

Proposed Course 2 – Essentials of Healthcare

Proposed Course 3 – Allied Health and Medicine

For more information, please contact Phyllis Johnson at pjohnson@doe.k12.ga.us