Governor’s Health Sciences Academy is offered in partnership with Riverside School of Health Careers, Sentara Healthcare, Hampton University, Thomas Nelson Community College, and ECPI College of Technology. Academy programs provide the core high school level academic and technical courses needed for successful transition to postsecondary education and careers in dentistry, medicine, nursing, biomedical technicians, and emergency medical technicians. Upon high school graduation, students will have health science literacy and other critical knowledge, skills, and credentials that will prepare them for high-demand, high-wage, and high-skills health sciences careers in Virginia.

**Diagnostic Services Pathway:** Students learn to use tests and evaluations to aid in the detection, diagnosis and treatment of diseases, injuries or other physical conditions.

- **Courses include:** Health and Medical Sciences, Medical Terminology, Medical Assistant
- **Examples of Career Pathways:** Lab Technician, Data Entry Clerk, Quality Assurance/Quality Control Technician, Biochemist, Microbiologist, Research Assistant and Research Scientist

**Therapeutic Services Pathway:** Students learn to care and treat patients to improve their health over time by counseling patients and providing them the tools needed to live a healthier and problem-free lifestyle.

- **Courses include:** Health and Medical Sciences, Medical Terminology, Nurse Aide, Practical Nursing
- **Examples of Career Pathways:** Anesthesiologist Assistant, Athletic Trainer, Audiologist, Certified Nursing Assistant, Chiropractor, Dental Lab Technician, Dietitian, EMT/Paramedic, Home Health Aide, Medical Assistant, Nurse Practitioner, Pharmacist/Pharmacy Technician, Physician, Psychologist, Social Worker, Veterinarian

**Biotechnology Research and Development Pathway:** Students learn about the discovery of new treatments and medical technologies to improve human health and advance the overall health science field.

- **Courses include:** Medical Terminology, Principles of Biomedical Sciences, Human Body Systems, Biomedical Innovation, and Computer Sciences
- **Examples of Career Pathways:** Biomedical/Clinical Technician, Laboratory Technician, Quality Assurance/QC Technician, Nuclear Medicine Technologist, Cell Biology Research Assistant, Research Scientist, Biochemist

**Support Service Pathway:** Students learn to assist health care professionals with a range of administrative and maintenance duties to ensure that the health care environment is maintained.

- **Courses include:** Health and Medical Sciences, Medical Terminology, Computer Information Sciences, Accounting
- **Examples of Career Pathways:** Central Service Manager, Facilities Manager, Materials Manager, Medical Records, Insurance Billing, Ward Secretary, Environmental Services Manager Technician, Quality Assurance/QC Technician
Health Informatics Pathway: Students learn to manage health care agencies by overseeing all patient data, financial information, and technological applications to health care processes and procedures.

Courses include: Health and Medical Sciences, Medical Terminology, Computer Information Sciences, Programming, IT Fundamentals, Advanced Computer Systems

Examples of Career Pathways: Admitting Clerk, Health Educator, Health Care Administrator, Medical Assistant, Medical Biller/Patient Financial Services, Risk Management, Medical Information Technologist