


Wendy Luke, RN, B.S.N. Phone: 229.225.5050 Ext 196 <a href="mailto:wluke@thomas.k12.ga.us">wluke@thomas.k12.ga.us</a>	<b>Introduction to Healthcare Science</b> <b>Course Syllabus</b> <b>PREP Academy Room 125</b> <b>2014-2015</b>	
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**Career Cluster:** Health Science

**Pathway:** Therapeutic Services – Allied Health and Medicine

**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.

**Course of Study:**

<b>Topic: (Outline)</b>	<b>Standards: (GPS or QCC)</b>
Demonstrate employability skills required by business and industry.	HS-IHS-1
Demonstrate standard safety practices for all classroom, laboratory and field experiences. Understand the existing and potential hazards to clients, co-workers, and self, and prevent injury or illness through safe work practices by following current health and safety policies and procedures.	HS-IHS-2
Describe how various healthcare roles fit into the office/department, the organization and the overall health care environment. Identify how key systems affect services performed and quality of care.	HS-IHS-3
Develop a Career Plan.	HS-IHS-4
Evaluate the impact of diversity and ethics on healthcare delivery.	HS-IHS-5
Demonstrate an understanding of the legal responsibilities, limitations, and implications of their actions within the healthcare delivery setting. Evaluate the importance of their duties according to regulations, policies, laws and legislated rights of clients.	HS-IHS-6
Identify and demonstrate the various methods of providing and obtaining information from patients, family members, other agencies, and other members of the healthcare team.	HS-IHS-7
Practice preventive health behaviors personally and professionally.	HS-IHS-8
Analyze different types of microorganisms and their defining characteristics to reduce the risk of infection or illness. Demonstrate physicochemical methods and the use of PPE in preventing and controlling the spread of microbial growth	HS-IHS-9
Demonstrate CPR, First Aid and the AED utilizing current standards	HS-IHS-10
Describe the stages of development from birth to adulthood (i.e. neonatal period, infancy, childhood, adolescence and puberty, adulthood, and geriatrics)	HS-IHS-11
Utilize information technology applications required within all career specialties. Demonstrate use as appropriate to healthcare applications.	HS-IHS-12

Apply mathematical computations related to healthcare procedures.	HS-IHS-13
Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events.	HS-HIS-14

In addition to content standards, students will be responsible for showing mastery of the Common Core literacy standards. These standards will be taught using reading and writing activities related to the content area. Reading materials may include novels, technical manuals, articles or other appropriate materials as determined by the instructor.

## Preparing for Relevant Economic Pursuits

### **P.R.E.P Academy Grading Policy:**

Daily/ Quizzes	25%
Projects	30%
Tests	25%
Benchmark/SLO	20%

Grades will be posted within 72 hours on Infinite Campus. Parents please visit the Thomas County Board of Education webpage to request a password for your student's grade record.

### **Make up Work:**

If you are absent, it is **YOUR** responsibility to request work from your instructor. Extra copies of assignments will be available in the classroom in labeled folders. Because of the amount of time required to collect substantial amounts of make-up work, if you are absent more than one day you will be required to come before/after school to retrieve your assignments. You have **3 days to make up classroom assignments. If you are absent the day of a test, quiz, or due date for a project, skills check-off or any other major assignments, you will be required to turn in or perform the task the day you return.**

### **Textbook:**

*Diversified Health Occupations, 7<sup>th</sup> Edition*

Students will not be issued a textbook for this class, but one will be available for classroom use.

### **Classroom Guidelines/Conduct:**

In addition to specific healthcare Science Policies, all TCCHS policies will be followed. Students will be given a handout of the classroom guidelines and asked to sign (and parent) that they have read and acknowledge the guidelines.

### **Computer Use:**

Students will be required to access the Internet for some assignments and projects. Each student must have an Acceptable Use Policy (AUP) on file at the school. All policies in the AUP will be followed.

Students should **only use the Internet when instructed for classroom purposes.** Students who are caught downloading/streaming music, on inappropriate websites, attempting to bypass the server, or participating in other questionable activities will receive a referral and their computer privileges may be revoked.

**Cell phones and Other Electronic Devices:** Cell phones are not permitted during class time. If a student is caught using a cell phone during class, it will be confiscated and sent to the front office. This applies to iPods, iPads, Kindles, and any other device not used for instructional purposes.