Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

- 1. Required documentation:
  - Print copy of this check off form for each team member evaluating this course
  - Highlight the three standards and elements that were selected for evaluation
  - Upload to your website:
    - Lesson plan for **each** standard **and** element
    - Student work evidence of teaching/learning assignments, projects, etc Evaluation of student work assessments, rubrics
    - \*protect student privacy
  - Pictures may be used as supporting evidence but do not take the place of rubrics and assessments
  - Upload this check off form to your website
- 2. Teachers and evaluators will use the 3 boxes by the Elements  $(\Box \Box \Box)$  to check-off the following:
  - Lesson Plan has each of the Elements listed
  - Each Element is shown in Student Work
  - Each Element is shown in the Student Evaluation(s)
  - If all elements addressed, evaluators will check off that entire standard has been met
  - Evaluators sign completed check off form
- 3. Return completed check off forms to Sharon Pye

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye Health Science Cluster

#### Introduction to Healthcare Science Course Number 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. The pre-requisite for this course is advisor approval.

#### **Course Standard 1**

#### **HS- IHS -1**

The following standard is included in all CTAE courses adopted for the Career Cluster/Pathways. Teachers should incorporate the elements of this standard into lesson plans during the course. The topics listed for each element of the standard may be addressed in differentiated instruction matching the content of each course. These elements may also be addressed with specific lessons from a variety of resources. This content is not to be treated as a unit or separate body of knowledge but rather integrated into class activities as applications of the concept.

#### Standard: Demonstrate employability skills required by business and industry.

The following elements should be integrated throughout the content of this course.

## 1.1 Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities

abilities.				
Person-to-Person	Telephone and	Cell Phone and	<b>Communicating At</b>	Listening
Etiquette	Email Etiquette	Internet Etiquette	Work	
Interacting with	racting with Telephone Using Blogs		Improving	Reasons, Benefits,
Your Boss	Conversations		<b>Communication Skills</b>	and Barriers
Interacting with	Barriers to Phone	Using Social Media	Effective Oral	Listening Strategies
Subordinates	conversations		Communication	
Interacting with	Making and		Effective Written	Ways We Filter
Co-workers	Returning Calls		Communication	What We Hear
Interacting with	Making Cold Calls		Effective Nonverbal	Developing a
Suppliers			Skills	Listening Attitude
	Handling		Effective Word Use	Show You Are
	Conference Calls			Listening
	Handling		Giving and Receiving	Asking Questions
	Unsolicited Calls		Feedback	

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

		Obtaining Feedback
		Getting Others to
		Listen

Nonverbal	Written	Speaking	Applications and Effective
Communication	Communicatio		Résumés
Communicating Nonverbally	Writing Documents	Using Language Carefully	Completing a Job Application
Reading Body Language	Constructive	One-on-One	Writing a Cover Letter
and mixed Messages	Criticism in	Conversations	

Matching Verbal and	Small Group	Things to Include in a Résumé
Nonverbal communication	Communication	
Improving Nonverbal	Large Group	Selling Yourself in a Résumé
Indicators	Communication	
Nonverbal Feedback	Making Speeches	Terms to Use in a Résumé
Showing Confidence	Involving the	Describing Your Job Strengths
Nonverbally	Audience	
Showing Assertiveness	Answering Questions	Organizing Your Résumé
	Visual and Media Aids	Writing an Electronic Résumé
	Errors in Presentation	Dressing Up Your Résumé

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

## **1.2** Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.

Teamwork and Problem Solving	Meeting Etiquette
Thinking Creatively	Preparation and Participation in Meetings
Taking Risks	Preparation and Participation in Meetings
Building Team Communication	Conducting Two-Person or Large Group Meetings
	Inviting and Introducing Speakers
	Facilitating Discussions and Closing
	Preparing Visual Aids
	Virtual Meetings

Lesson Plan (The Standard and all Elements are listed.)

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye Completed Student Evaluation forms noted (All standards and elements addressed as listed)

## **1.3** Exhibit critical thinking and problem-solving skills to locate, analyze and apply information in career planning and employment situations.

Problem Customer Service Solving		The Application Process	Interviewing Skills	Finding the Right Job		
Transferable	Gaining Trust and	Providing Information,	Preparing for an	Locating Jobs and		
Job Skills	Interacting with	Accuracy and Double	Interview	Networking		
	Customers	Checking				
Becoming a	Learning and	Online Application	Questions to Ask in	Job Shopping		
Problem Solver	Giving Customers	Process	an Interview	Online		
	What They Want					
Identifying a	Keeping Customers	Following Up After	Things to Include	Job Search		
Problem	Coming Back	Submitting an	in a Career	Websites		
		Application	Portfolio			
Becoming a	Seeing the	Effective Résumés:	Traits Employers	Participation in Job		
Critical Thinker	Customer's Point		are Seeking	Fairs		
Managing	Selling Yourself and	Matching Your Talents to	Considerations	Searching the		
	the Company	a Job	Before Taking a	Classified Ads		
			Job			
	Handling Customer	When a Résumé Should		Using Employment		
	Complaints	be Used		Agencies		
	Strategies for			Landing an		
	Customer Service			Internship		
				Staying Motivated		
				to Search		

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

**1.4** Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.

Workplace Ethics	Personal Characteristics	Employer Expectations	Business Etiquette	Communicating at Work
Demonstrating	Demonstrating a	Behaviors Employers	Language and	Handling Anger
Good Work Ethic	Good Attitude	Expect	Behavior	

	1	1		· · · · · · · · · · · · · · · · · · ·
Behaving	Gaining and	Objectionable	Keeping Information	Dealing with
Appropriately	Showing Respect	Behaviors	Confidential	Difficult Coworkers
Maintaining	Demonstrating	Establishing	Avoiding Gossip	Dealing with a
Honesty	Responsibility	Credibility		Difficult Boss
Playing Fair	Showing	Demonstrating Your	Appropriate Work	Dealing with
	Dependability	Skills	Email	Difficult Customers
Using Ethical	Being Courteous	Building Work	Cell Phone Etiquette	Dealing with Conflict
Language		Relationships		
Showing	Gaining		Appropriate Work	
Responsibility	Coworkers' Trust		Texting	
Reducing	Persevering		Understanding	
Harassment			Copyright	
Respecting	Handling		Social Networking	
Diversity	Criticism			
Making	Showing			
Truthfulness a	Professionalism			
Habit				
Leaving a Job				
Ethically				

Lesson Plan (The Standard and all Elements are listed.)

Completed Student Work noted (All standards and elements addressed as listed)

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

**1.5** Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.

workplace to be able to work	workplace to be able to work independently and appry team work skins.								
Expected Work Traits	Teamwork	Time Management							
Demonstrating Responsibility	Teamwork Skills	Managing Time							
Dealing with Information Overload	Reasons Companies Use Teams	Putting First Things First							
Transferable Job Skills	Decisions Teams Make	Juggling Many Priorities							
Managing Change	Team Responsibilities	Overcoming Procrastination							
Adopting a New Technology	Problems That Affect Teams	Organizing Workspace and Tasks							
	Expressing Yourself on a Team	Staying Organized							
	Giving and Receiving Constructive	Finding More Time							
	Criticism								
		Managing Projects							
		Prioritizing Personal and Work Life							

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **1.6** Present a professional image through appearance, behavior and language.

<b>On-the-Job Etiquette</b>	Person-to-Person Etiquette	<b>Communication Etiquette</b>	Presenting Yourself
Using Professional	Meeting Business	Creating a Good Impression	Looking Professional
Manners	Acquaintances		
Introducing People	Meeting People for the First	Keeping Phone Calls	Dressing for Success
	Time	Professional	
Appropriate Dress	Showing Politeness	Proper Use of Work Email	Showing a Professional
			Attitude
Business Meal		Proper Use of Cell Phone	Using Good Posture
Functions			
Behavior at Work		Proper Use in Texting	Presenting Yourself to
Parties			Associates
Behavior at			Accepting Criticism
Conventions			
International Etiquette			Demonstrating
			Leadership
Cross-Cultural			
Etiquette			
Working in a Cubicle			

## Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

#### L9-10RST 1-10 and L9-10WHST 1-10:

Common Core ELA/Literacy standards have been written specifically for technical subjects and have been adopted as part of the official standards for all CTAE courses. Additional Common Core ELA/Literacy standards for Speaking and Listening are listed in the foundational course standards below.

Lesson Plan (The Standard and all Elements are listed.)

Completed Student Work noted (All standards and elements addressed as listed)

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### Course Standard 2

#### HS-IHS-2

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.

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□ □ □ 2.2 Comply with safety signs, symbols and labels.

$\square$ $\square$ $\square$ 2.3 Analyze the role and the responsibilities of the healthcare provider	(student) in the
classroom, laboratory, and various workplace settings in an emergency situation.	

	2.4	4 Apply	basic I	Emergen	cy pro	ocedures	and	<mark>protocol</mark>	in basic	emergency	situation	s and
events												

**D O** 2.5 Explain the following agencies' role in healthcare practice: OSHA, CDCP, CLIA, FDA, and ISO.

 $\Box$   $\Box$  2.6 Apply principles of body mechanics.

□ □ □ 2.7 Utilize personal protective equipment (PPE) and apply personal safety procedures based on OSHA (Occupational Health and Safety Administration and the Centers for Disease Control and Prevention (CDCP).

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

**Completed Student Evaluation forms noted (All standards and elements addressed as** listed)

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 3**

#### HS-IHS-3

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.

	Analyze the healthcare del	ivery system (publ	ic, private,	government, a	and
nonprofit).					

 $\square$   $\square$   $\square$  3.2 Evaluate the factors influencing healthcare delivery systems.

 $\Box$   $\Box$  3.3 Describe the responsibilities of consumers within the healthcare system and how to engage patients and families in their own healthcare.

$\Box$ $\Box$ $\Box$ 3.4 Explain the impact of emerging	issues such as technology, epidemiology,
bioethics, and socioeconomics on healthcare of	delivery systems.

 $\square$   $\square$   $\square$  3.5 Discuss common methods of payment for healthcare.

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

	Completed Student Evaluation forms noted (All standards and elements addressed as
listed	

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### Course Standard 4

#### HS-IHS-4 Develop a Career Plan.

□ □ □ 4.1 Compare careers within the health science career pathways: therapeutic, diagnostic,
health informatics, environmental support, and biotechnology research and development.
□ □ □ 4.2 Discuss levels of education, credentialing requirements, and employment trends in
healthcare.
□ □ □ 4.3 Analyze personal career goals and develop a career plan.
$\Box \Box \Box$ 4.4 Analyze the roles and responsibilities of individual members as part of the health
care team, including their ability to promote the delivery of quality health care.
□ □ □ 4.5 Discuss complementary health practices and career opportunities.
□ □ □ 4.6 Recognize methods for building positive team relationships and communication.
$\Box$ $\Box$ 4.7 Analyze attributes and attitudes of an effective leader.
□ □ □ 4.8 Apply effective techniques for managing team conflict.
□ □ □ 4.9 Identify and develop entrepreneurial opportunities in healthcare.
Lesson Plan (The Standard and all Elements are listed.)
<b>Completed Student Work noted (All standards and elements addressed as listed)</b>
<b>Completed Student Evaluation forms noted (All standards and elements addressed as</b>
listed)

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 5**

#### HS-IHS-5

#### Evaluate the impact of diversity and ethics on healthcare delivery.

- $\square$   $\square$   $\square$  5.1 Evaluate how diversity affects healthcare delivery.
- $\square$   $\square$   $\square$  5.2 Compare and contrast personal and workplace ethics.
- $\square$   $\square$   $\square$  5.3 Recognize ethical issues and their implications related to healthcare.
- $\square$   $\square$   $\square$  5.4 Examine ethical dilemmas that may occur in healthcare.

	5.5 Demonstrate respectful and empathetic treatment	of ALL patients/clients
	customer service).	

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### Course Standard 6

#### HS-IHS-6

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.

$\square$ $\square$ 6.1 Analyze the basic legal responsibilities of healthcare workers in regards to torts,
malpractice, and negligence, invasion of privacy, privileged communication, patient/client
confidentiality, and informed consent.

 $\square$   $\square$   $\square$  6.2 Discuss patients' rights and responsibilities.

 $\Box$   $\Box$  6.3 Explain standards for Health Insurance Portability and Accountability Act (HIPAA).

 $\Box$   $\Box$   $\Box$  6.4 Describe advance directives.

 $\square$   $\square$   $\square$  6.5 Evaluate the importance of institutional policies and procedures.

Lesson Plan (The Standard and all Elements are listed.)

Completed Student Work noted (All standards and elements addressed as listed)

	Completed Student Evaluation forms noted (All standards and elements addressed as
listed	

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### Course Standard 7

#### HS-IHS-7

Identify and demonstrate the various methods of providing and obtaining information from patients, family members, other agencies, and other members of the healthcare team.

				7.1	Interpret	verbal	and	nonverbal	communication.
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	7.2	Reco	gnize	barriers	to	communication.

- $\square$   $\square$   $\square$  7.3 Report subjective and objective information.
- $\Box$   $\Box$   $\Box$  7.4 Recognize the elements of communication using a sender-receiver model.
- $\Box$   $\Box$   $\Box$  7.5 Apply speaking and active listening skills.

$\square$ $\square$ 7.6 Recognize elements of written and electronic communication (s	spelling,	grammar,
and formatting).		

 $\square$   $\square$   $\square$  7.7 Use roots, prefixes, and suffixes to communicate information.

$\square$ $\square$ 7.8 Utilize current and acceptable medical abbreviations and terminology withi	n the
electronic medical record and in other forms of medical communication.	

- $\square$   $\square$   $\square$  7.9 Recognize legal and ethical implications of electronic communications.
- Lesson Plan (The Standard and all Elements are listed.)
- Completed Student Work noted (All standards and elements addressed as listed)

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 8**

#### HS-IHS-8

#### Practice preventive health behaviors personally and professionally.

- $\square$   $\square$   $\square$  8.1 Apply behaviors that promote health and wellness.
- $\square$   $\square$  8.2 Describe strategies to maintain a healthy lifestyle.
- $\square$   $\square$   $\square$  8.3 Create a stress management plan.
- Lesson Plan (The Standard and all Elements are listed.)
- **Completed Student Work noted (All standards and elements addressed as listed)**

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### <u>Course Standard 9</u>

#### HS-IHS-9

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.

$\Box$ $\Box$ 9.1 Define and describe the need for asepsis and infection prevention in the classroom,
laboratory, and in the healthcare environment.
9.2 Compare and demonstrate various physical (hand washing and PPE) and chemical
methods (cleaning, disinfection, and sterilization) used to control or prevent microbial growth.
9.3 Examine the evolution and spread of antibiotic resistant pathogens.
□ □ □ 9.4 Analyze ways microorganisms are spread using the chain of infection model.
9.5 Utilize personal protective equipment (PPE) and apply personal safety procedures
based on OSHA (Occupational Health and Safety Administration and the Centers for Disease Control and Prevention (CDCP).
□ □ □ 9.6 Describe methods of controlling the spread and growth of microorganisms.
□ □ □ 9.7 Discuss Hospital Acquired Infection (HAI), the HAI standards and reporting of
HAI.
□ □ □ 9.8 Discuss immunizations and the schedule for vaccinations.
Lesson Plan (The Standard and all Elements are listed.)
<b>Completed Student Work noted (All standards and elements addressed as listed)</b>
Completed Student Evaluation forms noted (All standards and elements addressed as listed)

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL4:** Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

**SMI5:** Students will compare and contrast parameters affecting microbial growth, ways of controlling growth of microorganisms, and examine the effects that physicochemical factors can have on microbes.

c. Compare various physical and chemical methods used to control or prevent microbial growth.

d. Explain the various modes of action of specific antibiotics in preventing the growth of microorganisms.

f. Examine the evolution and spread of antibiotic resistant pathogens.

SMI7: Students will analyze symbiotic and pathogenic relationships in host-microbe interactions.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

c. Compare mechanisms of how communicable diseases are spread among individuals within a population and how genetic changes in pathogenic microbes (such as influenza virus) result in new outbreaks of disease.

#### **Course Standard 10**

#### HS-IHS-10

#### Demonstrate CPR, First Aid and the AED utilizing current standards.

 $\square$   $\square$   $\square$  10.1 Analyze differences in pulse and respiratory rates in adult, child and infant.

 $\Box$   $\Box$  10.2 Discuss the function of the respiratory and circulatory systems and what happens with these systems during cardiac arrest and then during cardiopulmonary resuscitation.

 $\Box$   $\Box$  10.3 Demonstrate how to locate pulse points and how to check pulse and respiratory rates.

□ □ 10.4 Successfully complete CPR, AED, and First Aid training according to American Heart Association or American Red Cross, or other nationally recognized certifying agency.

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

	<b>Completed Student Evaluation forms noted</b>	(All standards and	elements addresse	d as
listed				

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

**ELACC9-10 SL4:** Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization,

development, substance, and style are appropriate to purpose, audience, and task.

**SAP1:** Students will analyze anatomical structures in relationship to their physiological functions.

b. Investigate the interdependence of the various body systems to each other and to the body as a whole.

**SAP4:** Students will analyze the physical, chemical, and biological properties of process systems as these relate to transportation, absorption and excretion, including the cardiovascular, respiratory, digestive, excretory and immune systems.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye b. Analyze, and explain the relationships between the respiratory and cardiovascular systems as they obtain oxygen needed for the oxidation of nutrients and removal of carbon dioxide.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 11**

#### HS-IHS-11

Describe the stages of development from birth to adulthood (i.e. neonatal period, infancy, childhood, adolescence and puberty, adulthood, and geriatrics).

	11.1	Compare	and contrast	life stages	as it relates t	o growth	and developm	ental needs.

 $\Box$   $\Box$  11.2 Discuss the social, physical, mental, and spiritual needs throughout the different life stages.

- $\Box$   $\Box$  11.3 Examine the common theories of growth and development (Erickson, Maslow's).
- $\square$   $\square$   $\square$  11.4 Discuss age-appropriate healthcare needs.

Lesson Plan (The Standard and all Elements are listed.)

Completed Student Work noted (All standards and elements addressed as listed)

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

# Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL4:** Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

**SAP5:** Students will analyze the role of the reproductive system as it pertains to the growth and development of humans.

c. Describe the stages of development from birth to adulthood (i.e. neonatal period, infancy, childhood, adolescence and puberty, and maturity).

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 12**

#### HS-IHS-12

#### Utilize information technology applications required within all career specialties. Demonstrate use as appropriate to healthcare applications.

 $\Box$   $\Box$   $\Box$  12.1 Identify methods and types of data collected in healthcare.

 $\Box$   $\Box$  12.2 Use health record data collection tools (such as input screens, document templates).

 $\Box$   $\Box$  12.3 Differentiate between types and content of health records (patient, pharmacy, and laboratory).

 $\Box$   $\Box$  12.4 Ensure that documentation in the health record reflects timeliness, completeness, and accuracy.

 $\Box \Box \Box$  12.5 Adhere to information systems policies and procedures as required by national, state, local, and organizational levels.

 $\Box$   $\Box$  12.6 Apply the fundamentals of privacy and confidentiality policies and procedures.

 $\Box$   $\Box$  12.7 Identify legal and regulatory requirements related to the use of personal health information.

 $\Box$   $\Box$   $\Box$  12.8 Identify and apply policies and procedures for access and disclosure of personal health information.

 $\Box$   $\Box$  12.9 Describe the consequences of inappropriate use of health data in terms of disciplinary action.

 $\Box$   $\Box$  12.10 Describe appropriate methods to correct inaccurate information/errors personally entered into an electronic medical record (EMR).

 $\Box$   $\Box$  12.11 Apply basic computer concepts and terminology in order to use computers and other mobile devices.

 $\Box$   $\Box$   $\Box$  12.13 Demonstrate basic computer operating skills.

 $\Box$   $\Box$   $\Box$  12.14 Demonstrate use of basic file organization and information storage.

 $\Box$   $\Box$  12.15 Use basic word processing, spreadsheet, and database applications.

 $\Box \Box \Box$  12.16 Evaluate the validity of web-based resources.

 $\Box$   $\Box$  12.17 Demonstrate use of appropriate email and social media.

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

# **Completed Student Evaluation forms noted (All standards and elements addressed as listed)**

## Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 13**

#### HS-IHS-13

#### Apply mathematical computations related to healthcare procedures.

 $\Box$   $\Box$  13.1 Utilize metric and household, conversions and measurements as related to healthcare procedures and treatments.

- $\Box$   $\Box$  13.2 Analyze diagrams, charts, graphs, and tables to interpret healthcare results.
- $\Box$   $\Box$   $\Box$  13.3 Record time using the 24-hour.

Lesson Plan (The Standard and all Elements are listed.)

**Completed Student Work noted (All standards and elements addressed as listed)** 

**Completed Student Evaluation forms noted (All standards and elements addressed as listed)** 

## Support of CTAE Foundation Course Standards and Common Core GPS and Georgia Performance Standards

**ELACC9-10 SL4:** Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

SCSh3: Students will identify and investigate problems scientifically.

- c. Collect, organize and record appropriate data.
- d. Graphically compare and analyze data points and/or summary statistics.
- e. Develop reasonable conclusions based on data collected.

Course Title: Introduction to Healthcare Science Course 25.52100 School: Peach County High school Teacher: Kristine Spivey Date: 3/22/2024 Evaluator: Sharon Pye

#### **Course Standard 14**

#### HS-IHS-14

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.

$\Box$ $\Box$ 14.1 Research the history of HOSA-Future Health Professionals.
$\square$ $\square$ 14.2 Discuss the mission, purpose, motto, colors, official dress and other
distinguishing characteristic of HOSA.
$\Box$ $\Box$ 14.3 Explain how participation in HOSA can promote lifelong responsibility for
community service and professional growth and development.
$\Box$ $\Box$ 14.4 Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, region, state, and national level that align with the competencies, skills and knowledge of this course.
Lesson Plan (The Standard and all Elements are listed.)
<ul> <li>Lesson Plan (The Standard and all Elements are listed.)</li> <li>Completed Student Work noted (All standards and elements addressed as listed)</li> </ul>

**ELACC9-10 SL1:** Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

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**ELACC9-10 SL4:** Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

## Evaluator signature and title\_\_\_\_\_

## **Comments:**