

Course Title: Health Science Internship

Unit:1	Basic Skills
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 1. Demonstrate basic health care skills according to facility protocol. 2. Critique key workplace readiness skills needed in a health care setting.
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 1. Identify key workplace readiness skills needed in a health care career. 2. Measure and record vital signs. 3. Demonstrate emergency care skills: first aid and cardiopulmonary resuscitation (CPR). 4. Demonstrate proper body Mechanics
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
I. Workplace readiness skills	Discussion Brainstorm Collaborative learning	Textbook, instructional videos Textbook, workbook, instructional video
II. Vital Signs	Read, View and Do Practice and perform skills	Lab equipment and supplies
III. Emergency care skills	Read, view and do Practice and perform skills Practice Scenarios – group and individual	Textbook, instructional videos, skill sheets, classroom resources, mannequins, lab supplies and equipment
IV. Body Mechanics	Read, View and Do Guided practice Demonstration	Textbook, Instructional videos, Workbook Skills sheets, scenarios

	Practice and perform skills	
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Unit Assessment:	Unit Test, skills performances, certification exams, teacher observation
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Unit/Course CTSO Activity:	First aid CPR Competitive Event
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Unit/Course Culminating Product:	Clinical rotations in a health care facility
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Course/Program Credential(s): <input type="checkbox"/> Credential <input type="checkbox"/> Certificate <input type="checkbox"/> Postsecondary Degree <input type="checkbox"/> University Degree <input type="checkbox"/> Other:

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Unit:2	Medical Terminology
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 5. Synthesize medical terminology used within the health care facility or agency. 6. Utilize electronic methods of communication within the health care facility or agency. 9. Demonstrate therapeutic communication skills in the health care facility. <p>Examples: reporting medical information to immediate supervisor, communicating with client and family or caregiver.</p>
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 1. Define medical terminology used in health care. 2. Demonstrate methods of communication within the health care facility or agency. 3. Describe therapeutic communication skills.
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
I. Medical Terminology	Review basic medical terminology Flashcards, games Homework assignments Terms in notebook	Textbook, Instructional software, lists of words and definitions, games
II. Methods of communication	Brainstorm, Collaborative Learning Demonstrations Field Trips and virtual field trips	Textbook, Class and Internet resources, field Trips sites or virtual field trip, class and lab equipment
III. Therapeutic communication skills	Read, View and do Discussion	Textbook, videos, Scenarios

	Case Studies/Role Play	
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Unit Assessment:	Unit Test, Teacher observation, written assignments, group projects
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Unit/Course CTSO Activity:	Medical Terminology HOSA Competitive Event
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Unit/Course Culminating Product:	
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Course/Program Credential(s): <input type="checkbox"/> Credential <input type="checkbox"/> Certificate <input type="checkbox"/> Postsecondary Degree <input type="checkbox"/> University Degree <input type="checkbox"/> Other:

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Unit:3	Legal and Ethical Behaviors
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <p>4. Demonstrate legal and ethical behaviors in the health care setting.</p>
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <p>1. Describe legal and ethical behaviors needed in the health care setting.</p>
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
I. Legal Behaviors	Read, View and Do Discussion Role Play/Case Studies Group Assignments Guest Speaker	Textbook, Videos, Case Studies, Handouts Guest Speaker
II. Ethical Behaviors	Read Text and discuss Group Investigation Listen-think-Pair and Share Creative Writing or Drawing Assignments	Textbook, Classroom and or research materials, case students and scenarios

Unit Assessment:	Unit Text, Research paper or projects, posters, etc.
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Unit/Course CTSO Activity:	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Unit/Course Culminating Product:	Develop a Health Science Student Code of Ethics
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Course/Program Credential(s): Credential Certificate Postsecondary Degree University Degree
 Other:

Unit/Course Culminating Product:	A Research Paper or teaching project
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Course/Program Credential(s): Credential X Certificate Postsecondary Degree University Degree
 Other:

Course Title: Health Science Internship

Unit:4	Diseases and Disorders
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> Identify basic treatments for selected diseases and disorders.
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> Identify common diseases and disorders and their treatments.
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
Diseases and Disorders	Brainstorm Discussion Research and Presentation Lecture, note taking	Textbooks, Classroom resources, Instruct Technology and or Internet, Teacher notes Handouts

Unit Assessment:	Unit Test, Research paper or projects
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Unit/Course CTSO Activity:	Pathophysiology Knowledge Test HOSA Competitive Event
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**Unit/Course
Culminating
Product:**

Course/Program Credential(s): Credential Certificate Postsecondary Degree University Degree
 Other:

Course Title: Health Science Internship

Unit:5	Health and Wellness
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <p>7. Develop a health and wellness plan based on a client health history.</p>
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <p>1. Create a health and wellness plan based on a client health history.</p>
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
Health and Wellness Plans	Carousel brainstorm Inquiry KWL Collaborative learning	Textbook, classroom resources, Guest Speakers, Instructional videos

Unit Assessment:	Grading Rubrics for Health and Wellness plans, written assignments, group projects, tests, etc.
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Unit/Course CTSO Activity:	Extemporaneous Health Poster HOSA Competitive Event; Community Awareness Competitive Event; Community Education Competitive Events
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**Unit/Course
Culminating
Product:**

Complete a clinical rotation or visit to a wellness program or preventative care facility.

Course/Program Credential(s): Credential Certificate Postsecondary Degree University Degree
 Other:

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Unit:6	Introduction to Medications
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <p>8. Analyze medications and treatments of selected clients using medical references to determine classifications, indication contra-indications, side effects, and dosages</p>
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 1. Describe medications and treatment for a variety of clients. 2. Use a Medical Reference to research medications.
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
I. Classes of medications	Lecture Note taking Read, View and do	Textbook, Classroom resources
II. Drug Research and References	Demonstration Guided Practice Drug Research Worksheet	PDR or other Drug references, Internet

Unit Assessment:	Research Project, Teaching projects, oral presentations, test
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Unit/Course CTSO Activity:	Pharmacology Knowledge test HOSA Competitive Event; Teaching project at a local senior center
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Unit/Course Culminating Product:	Clinical rotation or tour in a pharmacy
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Course/Program Credential(s): Credential Certificate Postsecondary Degree University Degree
 Other:

Course Title: Health Science Internship

Unit:7	Clinical Skills
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Content Standard(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 10. Describe client care procedures, including surgical procedures, Foley catheterizations and tooth extractions 11. Explain techniques in selected client care situations, including bed baths, taking vital signs, performing range of motion (ROM) exercises, and performing audiometry and vision screening.
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Learning Objective(s) and Depth of Knowledge Level(s):	<p>Students Will:</p> <ol style="list-style-type: none"> 1. Identify client care procedures, including surgical procedures, Foley catheterizations, tooth extractions, audiometry and vision screening, etc. 2. Demonstrate techniques in selected client care situations.
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Essential Question(s):	What are the skills and knowledge needed for success as a health care worker in the twenty-first century?
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Content Knowledge	Suggested Instructional Activities Rigor & Relevance Framework (Quadrant)	Suggested Materials, Equipment and Technology Resources
<ol style="list-style-type: none"> I. Client care procedures <ol style="list-style-type: none"> A. Surgical procedures B. Foley catheterization C. Tooth extractions D. Others 	<p>Read, view and do Lab practice and return demonstration</p> <p>Clinical experience in local health care facilities</p>	<p>Class and lab equipment and supplies Patient mannequins Instructional videos</p> <p>Local Clinical rotation sites</p>

Unit Assessment:	Written and skills tests, clinical rotations journals, tests
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Unit/Course CTSO Activity:	Medical Assisting Clinical, Nursing Assisting, Dental Assisting and other clinical HOSA Competitive Events
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Unit/Course Culminating Product:	Competency in clinical skills
Course/Program Credential(s): <input type="checkbox"/> Credential <input type="checkbox"/> Certificate <input type="checkbox"/> Postsecondary Degree <input type="checkbox"/> University Degree <input type="checkbox"/> Other:	