

A Correlation of

Realityworks Health Science Curricula

to the **Common Career Technical Core Standards**



This alignment document demonstrates how the Realityworks Health Science curricula used with Realityworks simulators, task trainers and models meet the objectives of the *Common Career Technical Core Standards* as listed in this document as well as the overarching set of Career Ready Practices listed in this document. Correlations are cited by curriculum.

The Health Science curricula are standards-based programs designed to be used with, and to enhance the educational value of the accompanying simulators, task trainers and models. Each curriculum contains a Teacher Guide with detailed active learning lesson plans, slide presentations, and student materials. These health science curricula were reviewed for alignment to the Common Career Technical Core Standards.

**Correlation of Realityworks Health Science Curricula
To the Common Career Technical Core Standards**

Career Ready Practices	
Common Career Technical Core Standards	Realityworks Health Science Curricula
<p>1. Act as a responsible and contributing citizen and employee.</p> <p>Career-ready individuals understand the obligations and responsibilities of being a member of a community, and they demonstrate this understanding every day through their interactions with others. They are conscientious of the impacts of their decisions on others and the environment around them. They think about the near-term and long-term consequences of their actions and seek to act in ways that contribute to the betterment of their teams, families, community and workplace. They are reliable and consistent in going beyond the minimum expectation and in participating in activities that serve the greater good.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>2. Apply appropriate academic and technical skills.</p> <p>Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>4. Communicate clearly, effectively and with reason.</p> <p>Career-ready individuals communicate thoughts, ideas and action plans with clarity, whether using written, verbal and/ or visual methods. They communicate in the workplace with clarity and purpose to make maximum use of their own and others' time. They are excellent writers; they master conventions, word choice and organization and use effective tone and presentation skills to articulate ideas. They are skilled at interacting with others; they are active listeners and speak clearly and with purpose. Career-ready individuals think about the audience for their communication and prepare accordingly to ensure the desired outcome.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion</p>

	<p>Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>5. Consider the environmental, social and economic impacts of decisions. Career-ready individuals understand the interrelated nature of their actions and regularly make decisions that positively impact and/or mitigate negative impact on other people, organizations and the environment. They are aware of and utilize new technologies, understandings, procedures, materials and regulations affecting the nature of their work as it relates to the impact on the social condition, the environment and profitability of the organization.</p>	<p>Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to Decubitus Ulcers Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>7. Employ valid and reliable research strategies. Career-ready individuals are discerning in accepting and using new information to make decisions, change practices or inform strategies. They use a reliable research process to search for new information. They evaluate the validity of sources when considering the use and adoption of external information or practices. They use an informed process to test new ideas, information and practices in their workplace situation.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>8. Utilize critical thinking to make sense of problems and persevere in solving them. Career-ready individuals readily recognize problems in the workplace, understand the nature of the problem, and devise effective plans to solve the problem. They are aware of problems when they occur and take action quickly to address the problem. They thoughtfully investigate the root cause of the problem prior to introducing solutions. They carefully consider the options to solve the problem. Once a solution is agreed upon, they follow through to ensure the problem is solved, whether through their own actions or the actions of others.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>9. Model integrity, ethical leadership and effective management. Career-ready individuals consistently act in ways that align to personal and community-held ideals and principles while</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections</p>

employing strategies to positively influence others in the workplace. They have a clear understanding of integrity and act on this understanding in every decision. They use a variety of means to positively impact the direction and actions of a team or organization, and they apply insights into human behavior to change others' actions, attitudes and/or beliefs. They recognize the near-term and long-term effects that management's actions and attitudes can have on productivity, morale and organizational culture.

Introduction to IV Insertion
Introduction to Phlebotomy
Introduction to Arterial Puncture
Introduction to IV Bolus Medication Administration
Introduction to Catheterization
Basic Patient Care: Bathing
Range of Motion Introduction to Blood Pressure
Geriatric Skin Conditions

12. Work productively in teams while using cultural/global competence.

Career-ready individuals positively contribute to every team, whether formal or informal. They apply an awareness of cultural differences to avoid barriers to productive and positive interaction. They find ways to increase the engagement and contribution of all team members. They plan and facilitate effective team meetings.

Introduction to Decubitus Ulcers
Introduction to Intradermal Injections
Introduction to Intramuscular Injections
Introduction to Subcutaneous Injections
Introduction to IV Insertion
Introduction to Phlebotomy
Introduction to Arterial Puncture
Introduction to IV Bolus Medication Administration
Introduction to Catheterization
Basic Patient Care: Bathing
Range of Motion
Introduction to Blood Pressure
Geriatric Skin Conditions

Health Science Career Cluster™ (HL)	
Common Career Technical Core Standards	Realityworks The Geriatric Experience Curricula
<p>2. Explain the healthcare workers' role within their department, their organization and their overall healthcare system.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>4. Evaluate the roles and responsibilities of individual members as part of the healthcare team and explain their role in promoting delivery of high quality health care.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>5. Analyze the legal and ethical responsibilities, limitations and implications of actions within the healthcare workplace.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>

Diagnostic Services Career Pathway (HL-DIA)

<p>1. Communicate key diagnostic information to healthcare workers and patients in an accurate and timely manner.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>2. Assess and report patient's / client's health status in order to monitor and document patient progress.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>3. Demonstrate the principles of body mechanics for positioning, transferring and transporting of patients/clients and perform them without injury to the patient/client or self.</p>	<p>Introduction to Decubitus Ulcers Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>4. Explain procedures and goals to the patient/client accurately and effectively, using strategies to respond to questions and concerns.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture</p>

	Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions
5. Select, demonstrate and interpret diagnostic procedures.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions

Health Informatics Career Pathway (HL-HI)	
1. Communicate health information accurately and within legal and regulatory guidelines, upholding the strictest standards of confidentiality.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions
3. Demonstrate the use of systems used to capture, retrieve and maintain confidential health information from internal and external sources.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization

	Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions
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Support Services Career Pathway (HL-SUP)

<p>1. Describe, differentiate and safely perform the responsibilities of healthcare support services roles.</p>	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions
<p>2. Demonstrate work practices that maintain a clean and healthy healthcare facility to reduce or eliminate pathogenic organisms.</p>	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Introduction to Blood Pressure Geriatric Skin Conditions
<p>3. Follow established internal and external guidelines in order to provide high-quality, effective support services in the healthcare facility.</p>	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure

	Geriatric Skin Conditions
4. Maximize available resources for proper care and use of healthcare equipment and materials.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Introduction to Blood Pressure Geriatric Skin Conditions
5. Implement healthcare facility standards in order to maintain high-quality healthcare facilities.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Introduction to Blood Pressure Geriatric Skin Conditions

Therapeutic Services Career Pathway (HL-THR)	
1. Utilize communication strategies to answer patient/client questions and concerns on planned procedures and goals.	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions
2. Communicate patient/client information among healthcare team members to facilitate a team approach to patient	Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections

	<p>Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>3. Utilize processes for assessing, monitoring and reporting patient's/clients' health status to the treatment team within protocol and scope of practice.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>
<p>4. Evaluate patient/client needs, strengths and problems in order to determine if treatment goals are being met.</p>	<p>Introduction to Decubitus Ulcers Introduction to Intradermal Injections Introduction to Intramuscular Injections Introduction to Subcutaneous Injections Introduction to IV Insertion Introduction to Phlebotomy Introduction to Arterial Puncture Introduction to IV Bolus Medication Administration Introduction to Catheterization Basic Patient Care: Bathing Range of Motion Introduction to Blood Pressure Geriatric Skin Conditions</p>