### Health Science Curriculum Overview

<table>
<thead>
<tr>
<th>Experiential Learning Tools</th>
<th>Curriculum Title</th>
<th>Curriculum Length</th>
<th>Lesson Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adult Nursing Manikin</strong></td>
<td>Intro to Basic Patient Care: Bathing</td>
<td>1 lesson hour</td>
<td>• Bathing a Patient</td>
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<td></td>
<td>Intro to Range of Motion</td>
<td>1 lesson hour</td>
<td>• Range of Motion</td>
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<td></td>
<td>Intro to Pressure Injuries</td>
<td>1 lesson hour</td>
<td>• Pressure Injury Identification and Care</td>
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<td></td>
<td>Intro to Intradermal Injections</td>
<td>1 lesson hour</td>
<td>• Intradermal Injection Procedures</td>
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<td></td>
<td>Intro to Intramuscular Injections</td>
<td>1 lesson hour</td>
<td>• Intramuscular Injection Procedures</td>
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<td>Intro to IV Insertion</td>
<td>1 lesson hour</td>
<td>• IV Insertion Procedures</td>
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<td></td>
<td>Intro to Intravenous (IV) Bolus</td>
<td>1 lesson hour</td>
<td>• Intravenous (IV) Bolus Procedures</td>
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<td></td>
<td>Intro to Phlebotomy</td>
<td>1 lesson hour</td>
<td>• Phlebotomy Procedures</td>
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<td></td>
<td>Intro to Ostomy Care</td>
<td>1 lesson hour</td>
<td>• Ostomy Care and Procedures</td>
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<td></td>
<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
</tr>
<tr>
<td><strong>Advanced Airway Intubation Simulator</strong></td>
<td>Intro to Endotracheal Intubation</td>
<td>1 lesson hour</td>
<td>• Endotracheal Intubation Procedures</td>
</tr>
<tr>
<td><strong>Artery Puncture and Intramuscular Injection Training Arm</strong></td>
<td>Intro to Intramuscular Injections</td>
<td>1 lesson hour</td>
<td>• Intramuscular Injection Procedures</td>
</tr>
<tr>
<td><strong>Venipuncture and IV Hand Trainer</strong></td>
<td>Intro to Intravenous (IV) Bolus</td>
<td>1 lesson hour</td>
<td>• Intravenous (IV) Bolus Procedures</td>
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<td>Intro to Phlebotomy</td>
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<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<tr>
<td><strong>Buttocks Dorsogluteal Intramuscular Injection Simulator</strong></td>
<td>Intro to Intramuscular Injections</td>
<td>1 lesson hour</td>
<td>• Intramuscular Injection Procedures</td>
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<tr>
<td><strong>Buttocks Ventrogluteal Intramuscular Injection Simulator</strong></td>
<td>Intro to Intramuscular Injections</td>
<td>1 lesson hour</td>
<td>• Intramuscular Injection Procedures</td>
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<tr>
<td><strong>Catheterization Trainer – Vinyl</strong></td>
<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<tr>
<td><strong>Catheterization Trainer on a Stand</strong></td>
<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<tr>
<td><strong>Diabetes Education Kit</strong></td>
<td>Diabetic Foot Ulcers</td>
<td>1 lesson hour</td>
<td>• Common Diabetic Foot Conditions and Care</td>
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<td>Diabetes Type II</td>
<td>1 lesson hour</td>
<td>• Complications and Risk Factors of Type II Diabetes</td>
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<td><strong>Forearm Venipuncture Trainer</strong></td>
<td>Intro to Intravenous (IV) Bolus</td>
<td>1 lesson hour</td>
<td>• Intravenous (IV) Bolus Procedures</td>
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<td>Intro to IV Insertion</td>
<td>1 lesson hour</td>
<td>• IV Insertion Procedures</td>
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<tr>
<td><strong>Geriatric Foot Care Model</strong></td>
<td>Geriatric Foot Conditions</td>
<td>1 lesson hour</td>
<td>• Geriatric Foot Care Identification and Care</td>
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<tr>
<td><strong>Geriatric Medication Management Simulation</strong></td>
<td>Geriatric Medication Management</td>
<td>3 lesson hours</td>
<td>• Introduction to Medication Management</td>
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<td></td>
<td>• The Geriatric Medication Management Sim Experience</td>
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<td>• Quiz and Reflection</td>
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<tr>
<td><strong>Geriatric Manikin</strong></td>
<td>Intro to Basic Patient Care: Bathing</td>
<td>1 lesson hour</td>
<td>• Bathing a Patient</td>
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<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<tr>
<td><strong>Geriatric Sensory Impairment Kit</strong></td>
<td>The Impact of Aging on Bones and Joints</td>
<td>2-5 lesson hours</td>
<td>• The Impact of Aging on Bones and Joints</td>
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<td>Understanding Tremor in the Elderly</td>
<td>2-4 lesson hours</td>
<td>• Understanding Tremor in the Elderly</td>
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<td><strong>Geriatric Skin Conditions Kit</strong></td>
<td>Geriatric Skin Conditions</td>
<td>1 lesson hour</td>
<td>• Geriatric Skin Condition Identification and Care</td>
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<tr>
<td><strong>Geriatric Simulator</strong></td>
<td>The Geriatric Experience</td>
<td>13 lesson hours</td>
<td>• Exploring Geriatrics &amp; Gerontology</td>
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<td>• Visual Impairment</td>
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<td>• Declining Mobility Due to Aging</td>
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<td>• Hearing Loss</td>
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<td>• Cognitive Changes with Aging</td>
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<td>• The Geriatric Experience</td>
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<td>• Amazing Aging</td>
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<tr>
<td><strong>Hemiplegia Simulator</strong></td>
<td>Hemiplegia</td>
<td>1 lesson hour</td>
<td>• Introduction to Hemiplegia</td>
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<tr>
<td><strong>Infant Skin Conditions Kit</strong></td>
<td>Infant Skin Conditions</td>
<td>1 lesson hour</td>
<td>• Infant Skin Condition Identification and Care</td>
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<td><strong>IV IVy Administration Trainer</strong></td>
<td>Intro to Intravenous (IV) Bolus</td>
<td>1 lesson hour</td>
<td>• Intravenous (IV) Bolus Procedures</td>
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<td><strong>Large Injection Pad</strong></td>
<td>Intro to Intramuscular Injections</td>
<td>1 lesson hour</td>
<td>• Intramuscular Injection Procedures</td>
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<td>Intro to Intradermal Injections</td>
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<td><strong>Laerdal Compatible Catheterization Trainers</strong></td>
<td>Intro to Catheterization</td>
<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<tr>
<td><strong>Multipurpose Venous Training Arm</strong></td>
<td>Intro to IV Insertion</td>
<td>1 lesson hour</td>
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<td>Intro to Ostomy Care</td>
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<td><strong>Pressure Injury Simulation Kit</strong></td>
<td>Intro to Pressure Injuries</td>
<td>1 lesson hour</td>
<td>• Pressure Injury Identification and Care</td>
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<td><strong>Small Injection Pad</strong></td>
<td>Intro to Intramuscular Injections</td>
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<td><strong>Suturing Kit</strong></td>
<td>Suturing Basics</td>
<td>1 lesson hour</td>
<td>• Basic Suturing Procedures</td>
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<td><strong>Transparent Catheterization Simulator</strong></td>
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<td>1 lesson hour</td>
<td>• Catheterization Procedures</td>
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<td><strong>Upper Arm Intramuscular Injection Simulator</strong></td>
<td>Intro to Intramuscular Injections</td>
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