Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, diagnostics, and support services. Students will gain knowledge to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills.

“I like this class because it gives me the experience I will need to get into Nursing School.”

“I've always wanted to work in the medical field and in this class I've learned that there are many careers in medicine. After I graduate from high school I plan to enroll in a four year program to become a nutritionist.”

“My favorite part of this class is our Clinical Internship. Once a week we go to Woodland Terrace, Standifer Place, and a local hospital to gain hands on experience.”
Career Technical Education Pathways:

**Therapeutic Services**- This course provides knowledge and skills to maintain or change the health status of an individual over time. Inclusive of careers in the dental field, dietetics, as medical assistance, home health, nursing, pharmacy, respiratory, social work, and nutritionists students will gain exposure to a wide variety of careers in the medical field.

**Sports and Human Performance**- Exercise Science is designed to prepare students for careers in kinesiology and exercise physiology services. Through these connections students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients. Students will also have the opportunity to incorporate communication, goal setting, and information collection skills in their coursework in preparation for future success in the workplace.

Student schedules will consist of both Future Ready Institute classes as well as the opportunity to take a variety of classes offered by the particular high school in order to fulfill all graduation requirements. This is the 4 year plan for the student’s institute classes only. *DE= Dual Enrollment *IC= Industry Certification

<table>
<thead>
<tr>
<th>FRI Pathway(s)</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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</thead>
<tbody>
<tr>
<td><strong>CTE</strong></td>
<td>Health Science Education</td>
<td>Anatomy and Physiology</td>
<td>DE: Therapeutic Services</td>
<td>Clinical Internship</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>DE: Exercise Physiology</td>
<td>IC: Certified Clinical Medical Assistant- and/or- OSHA 10 General Industry</td>
</tr>
<tr>
<td><strong>Core Classes</strong></td>
<td>English 9</td>
<td>English 10</td>
<td>English 11</td>
<td>English 12</td>
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<tr>
<td></td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Senior Level Math</td>
</tr>
</tbody>
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**Tyner Academy**
6836 Tyner Road
Chattanooga, TN 37421
(423) 855-2635

Principal- Mr. Gerald Harris
Institute Lead Administrator- Mr. Gerald Harris
FRI Coordinator- Erin Glenn
glenn_erin@hcde.org

**FRI Opportunity:**
- A clinical internship at a hospital, nursing home, or medical office
- Work based and service learning that allows students to job shadow careers in the medical field
- Volunteer exposure to various out-reach community programs