# Career and Technical Education Plan of Study

Cluster: SCIENCE, TECHNOLOGY, ENGINEERING and MATHEMATICS (STEM)

Student Name: ___________________________ (PRINT ONLY)
Student Signature: ________________________
Date: _____________________________________
CTE Teacher/Administrator Signature: ________________

## 9th Grade

<table>
<thead>
<tr>
<th></th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA:</td>
<td>ELA:</td>
<td>ELA:</td>
<td>ELA:</td>
</tr>
<tr>
<td>Math:</td>
<td>Math:</td>
<td>Math:</td>
<td>Math:</td>
</tr>
<tr>
<td>Science:</td>
<td>Science:</td>
<td>Science:</td>
<td>Science:</td>
</tr>
<tr>
<td>Social Studies:</td>
<td>Social Studies:</td>
<td>Social Studies:</td>
<td>Social Studies:</td>
</tr>
<tr>
<td>Phys Ed:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Languages:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Electives:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## CTE Sequence 1: Biotechnology

- Concepts of Engineering and Technology
- Biotechnology
- Advanced Biotechnology
- Scientific Research & Design

## CTE Sequence 2: Electronics

- Concepts of Engineering and Technology
- Electronics
- Advanced Electronics
- Practicum in STEM

## CTE Sequence 3: Robotics

- Concepts of Engineering and Technology
- Robotics & Automation
- Principles of Technology
- Engineering Mathematics

## CTE Sequence 4: Engineering Design

- Concepts of Engineering and Technology
- Engineering Design & Presentation
- Advanced Engineering Design and Presentation
- Engineering Design and Problem Solving

Note: Students may choose ONE CTE sequence only.

August 2013