Rowland Unified School District
Career Certification Program
Sequence of Courses

Computer Science

Core Courses
(One is Required)
- PLTW Computer Science Essentials*
- Computer Applications*

Area of Concentration
Software and Systems Development
(Three are Required in Area of Concentration)
- PLTW Computer Science AP*#
- PLTW Computer Science A AP*#
- PLTW Cyber Security

Technology Senior Seminar* (Required Course)
(Includes Internship, Portfolio, Resume, Interview, Project and Presentation)

Graduation and Certification

College • Trade School • Employment

*Computer Science courses approved for UC/CSU Admission
# Approved for Advanced Placement (AP)
Bold/Italic Courses are CTE Approved Courses

Sample Career Opportunities

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Applications</th>
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<tbody>
<tr>
<td>Programmers</td>
<td>Programmers</td>
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<tr>
<td>Designers</td>
<td>Gamers</td>
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<tr>
<td>Computer Systems Engineer</td>
<td>Software Developers</td>
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<td></td>
<td>Web Developers</td>
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<td>Database Administrators</td>
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