Students pursuing specialized careers in Information Technology Pathway will gain knowledge & experience in technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

The Texas projected annual growth rate for IT occupations is 15.89% by 2024.

CAREERS

**SALARIES**

- Security IT Manager, $123,000 +
- Network Systems/Communication Mgr., $93,000 +
- Computer Programmer, $85,000 +

**OPPORTUNITIES**

- Clinical Data Manager
- Cloud Solutions Architect
- Document Management Specialist
- Web Developer

**QUALIFICATIONS**

- 2 Year Degree
- 4 Year Degree
- Advanced Degree
# Information Technology Endorsement

**PROGRAM CORRELATED TO THE STATE STUDY OF WEB DEVELOPMENT**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Language Arts</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
<th>Pathway Electives</th>
<th>Potential Certification Opportunities</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>English 1</td>
<td>Algebra 1</td>
<td>Biology</td>
<td>World Geography Or World History</td>
<td>Principles of Information Technology</td>
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<tr>
<td>10th</td>
<td>English 2</td>
<td>Geometry</td>
<td>Approved 2nd Year Science</td>
<td>World Geography Or World History</td>
<td>Digital Media</td>
<td>Adobe Suite Certification</td>
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<tr>
<td>11th</td>
<td>English 3</td>
<td>Approved 3rd Year Math</td>
<td>Approved 3rd Year Science</td>
<td>U.S. History</td>
<td>Web Technologies</td>
<td>Adobe Suite Certification</td>
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<tr>
<td>12th</td>
<td>English 4 Or Approved 4th Year English</td>
<td>Approved 4th Year Math</td>
<td>Approved 4th Year Science</td>
<td>Government Economics</td>
<td>Practicum in Information Technology (2)</td>
<td>Microsoft Office Suite Certification</td>
</tr>
</tbody>
</table>

### REQUIRED ELECTIVES:

- FINE ARTS
- FOREIGN LANGUAGE
- PHYSICAL EDUCATION

### DUAL CREDIT OFFERINGS:

- PRE-CALCULUS SPCH 1315
- ARTS 1301 ECON 2301
- ENGL 1301 ENGL 1302
- ENGL 2332 ENGL 2333
- GOVT 2305 HIST 1302
- HIST 1301 MATH 2413
- MATH 1314 MATH 1316

### STUDENT ORGANIZATIONS

It is the policy of Mineola Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in career and technology programs, services or activities.