Information technology (IT) is the study of design, development, implementation, support or management of computer-based information systems, particularly software applications and computer hardware. Information technology deals with the use of computers and computer software to convert, store, protect, process, transmit and securely retrieve information.

77,639 enrollments in High School programs

+ 44,753 enrollments in Middle School programs

= 122,392 enrollments in Total K-12 students

Top High School Programs:

- Applied Information Technology (19,715)
- Web Development (16,036)
- Game/Simulation/Animation Visual Design (8,145)
- Digital Media Technology (7,877)
- Computer Science Principles (3,956)

Top Certifications Earned by K-12 Students:

- Microsoft Office Specialist (MOS) Bundle
- Certified Internet Web (CIW) Internet Business Associate
- Certified Internet Web (CIW) Site Development Associate
- Adobe Certified Associate (ACA) Dreamweaver
- Adobe Certified Associate (ACA) Photoshop

Articulation Pathway to College:

- Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist (PROC0027)

Articulates 3 credits

- Computer Information Technology A.S. Degree

$320.52 in State College Tuition Savings
**POSTSECONDARY & EMPLOYMENT**

**3,661 DISTRICT POSTSECONDARY PROGRAMS**

- 25 districts

**TOP CERTIFICATIONS EARNED BY DISTRICT POSTSECONDARY STUDENTS**

1. **1ST**
   - CompTIA A+

2. **2ND**
   - COMPTIA Network+

3. **3RD**
   - Microsoft Technology Associate (MTA) - Windows OS Fundamentals

**EMPLOYMENT OUTLOOK**

<table>
<thead>
<tr>
<th>High Growth</th>
<th>High Wage</th>
<th>Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.31%</td>
<td>$39.70</td>
<td>3,903</td>
</tr>
</tbody>
</table>

- **Growth Rate**: Software Developers, Applications
- **Mean Wage**: Computer Network Architects
- **Annual Openings**: Software Developers, Applications

Notes: Based on 2019-2020 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students.