Information Technology

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.

71,785 enrollments in High School programs

+ 34,190 enrollments in Middle School programs

= 105,975

Top High School Programs

- Applied Information Technology (17,587)
- Web Development (15,746)
- Digital Media Technology (7,186)
- Game/Simulation/Animation Visual Design (6,379)
- Network Support Services (4,657)

Top Certifications Earned by K-12 Students

- Microsoft Office Specialist (MOS) Bundle
- Adobe Certified Associate (ACA) Dreamweaver
- Adobe Certified Associate (ACA) Photoshop
- Adobe Certified Associate (ACA) Illustrator

Articulation Pathway to College

- Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist (PROSO027)

Articulates 3 credits

- Computer Information Technology (A.S. Degree)

$320.52 in State College Tuition Savings

= 10,000
Postsecondary & Employment

District Postsecondary Enrollments

3,946

24 Districts

Top Programs

High Growth

CompTIA Security+

3rd

CompTIA Network+

2nd

CompTIA A+

1st

High Wage

Cisco Certified Network Associate

4th

Top Certifications Earned by District Postsecondary Students

Computer Systems & Information Technology

Annual Openings

Network & Computer Systems Administrators

1,087 Annual Openings

Notes: Based on 2016-17 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students. Enrollment outlook is based on the 2017-18 Statewide Demand Occupations List.

High Growth

2.74% Growth Rate

Information Security Analysts

High Wage

$39.49 per hour Mean Wage

Network & Computer Systems Administrators

Annual Openings

Computer User Support Specialists

Notes: Based on 2016-17 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students. Enrollment outlook is based on the 2017-18 Statewide Demand Occupations List.