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.

77,639 enrollments in High School programs

+ 44,753 enrollments in Middle School programs

= 122,392 total enrollments

Top High School Programs

Applied Information Technology (19,715)
Web Development (16,036)
Game/Simulation/Animation Visual Design (8,145)
Digital Media Technology (6,883)
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 (PROSO027)
Articulates 3 credits

Computer Information Technology (A.S. Degree)

$320.52 in State College Tuition Savings
Postsecondary & Employment

District Postsecondary Enrollments

3,661

25 Districts

Top Programs

Network Support Services

324

Game/Simulation/Animation/Visual Design

607

Enterprise Desktop/Mobile Support Technology

949

Web Development

270

Computer Systems & Information Technology

520

Top Certifications Earned by District Postsecondary Students

1st

CompTIA Network+

2nd

Microsoft Technology Associate (MTA)-Windows OS Fundamentals

3rd

Certified Internet Web (CIW) Internet Business Associate

4th

CompTIA A+

Top Certifications Earned by District Postsecondary Students

Employment Outlook

High Growth

3.31% Growth Rate

High Wage

$39.70 per hour Mean Wage

Annual Openings

3,903 Annual Openings

Notes: Based on 2018-19 data. Postsecondary enrollment is limited to district programs and includes dual enrollment students. Enrollment outlook is based on the 2020 Statewide Demand Occupations List.