

# 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.

2019-20

**77,639**

enrollments in High School programs



**+ 44,753**

enrollments in Middle School programs



=

**122,392**

## TOP CERTIFICATIONS EARNED BY 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)

## 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

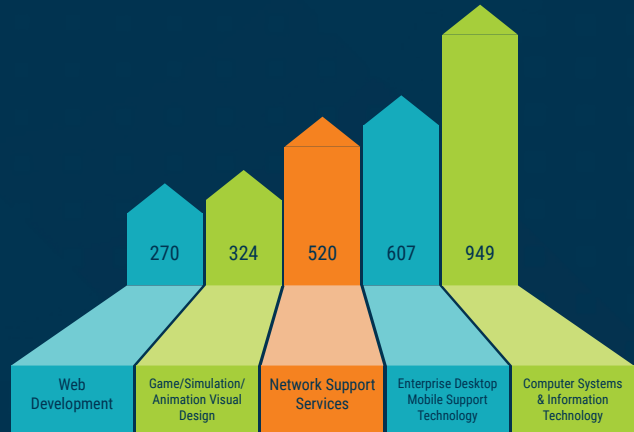
# POSTSECONDARY & EMPLOYMENT

**3,661**  
**DISTRICT POSTSECONDARY**  
**PROGRAMS**



**25**  
districts

## TOP PROGRAMS



## TOP CERTIFICATIONS EARNED BY DISTRICT POSTSECONDARY STUDENTS

**1<sup>ST</sup>**  
CompTIA A+

**2<sup>ND</sup>**  
COMPTIA Network+

**3<sup>RD</sup>**  
Microsoft Technology Associate (MTA) - Windows OS Fundamentals

## EMPLOYMENT OUTLOOK

**HIGH GROWTH**  
**3.31%**  
Growth Rate  
Software Developers, Applications

**HIGH WAGE**  
**\$39.70**  
per hour Mean Wage  
Computer Network Architects

**ANNUAL OPENINGS**  
**3,903**  
Annual Openings  
Software Developers, Applications



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