

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

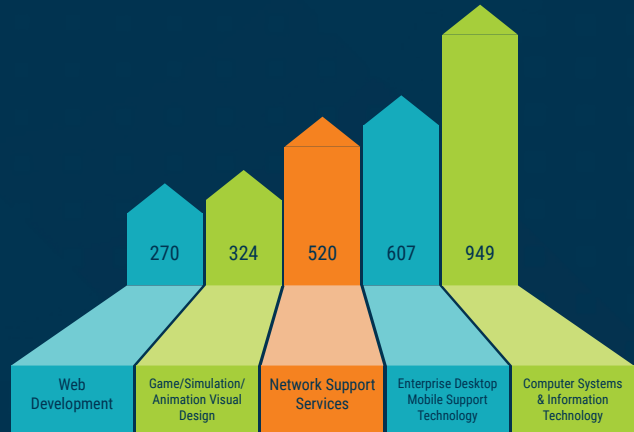
POSTSECONDARY & EMPLOYMENT

3,661
DISTRICT POSTSECONDARY
PROGRAMS



25
districts

TOP PROGRAMS



TOP CERTIFICATIONS EARNED BY DISTRICT POSTSECONDARY STUDENTS

1ST
CompTIA A+

2ND
COMPTIA Network+

3RD
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.