

# INFORMATION TECHNOLOGY

Information Technology Support and Services, Networking Systems, Web Development

## Endorsement: Business & Industry

The **Information Technology (IT)** career cluster will prepare you to work in the high-tech and high-paying IT jobs of tomorrow. The IT program of study will prepare you to explore issues in computing, solve high-tech problems, learn programming languages, design and test software systems, management of hardware, software, multimedia, and systems integration services.

### CAMPUSES

- Austin HS
- Heights HS
- Houston MSTC
- Madison HS
- North Forest HS
- Northside HS
- Waltrip HS
- Washing HS
- Westbury HS
- Wheatley HS
- Worthing HS

### INDUSTRY-BASED CERTIFICATIONS OFFERED

- CompTIA IT Fundamentals+
- CompTIA Security+
- CompTIA Network+
- CompTIA A+ Certification
- Microsoft Technology Associate (MTA) Security Fundamentals
- Microsoft Technology Associate (MTA) HTML5 Application Development Fundamentals
- Microsoft Technology Associate (MTA) Software Development Fundamentals
- Microsoft Technology Associate (MTA) Mobility and Device Fundamentals
- Microsoft Technology Associate (MTA) Windows Operating System Fundamentals
- Microsoft Technology Associate (MTA) Networking Fundamentals
- Microsoft Technology Associate (MTA) Cloud Fundamentals
- Microsoft Technology Associate (MTA) Windows Server Administration Fundamentals
- Microsoft Technology Associate (MTA) Introduction to Programming Using Java
- Microsoft Technology Associate (MTA) Introduction to Programming Using JavaScript
- Microsoft Technology Associate (MTA) Introduction to Programming Using Python
- Microsoft Technology Associate (MTA) Introduction to Programming Using HTML and CSS
- App Development with Swift Certification Level 1
- C++ Certified Associate Programmer (CPA)

### CAREER OCCUPATIONS\*

#### ASSOCIATE'S DEGREE

##### Computer User Support Specialist

Median Salary: \$54,652  
 Annual Openings: 1,245

##### Computer Network Support Specialist

Median Salary: \$76,184  
 Annual Openings: 271

#### BACHELOR'S DEGREE

##### Computer Network Architect

Median Salary: \$114,705  
 Annual Openings: 171

##### Computer Systems Analyst

Median Salary: \$98,678  
 Annual Openings: 1,240

#### DOCTORAL DEGREE

##### Computer and Information Research Scientist

Median Salary: \$136,908  
 Annual Openings: 29

### OTHER OCCUPATIONS\*

DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	GROWTH
Software Developer, Applications	\$108,408	1,294	31%
Computer and Information Systems Manager	\$150,352	543	19%
Computer and Information Research Scientist	\$136,908	29	18%
Database Administrator	\$95,250	280	17%
Web Developer	\$74,533	217	17%
Computer Occupations, All Other	\$91,141	277	17%
Computer User Support Specialist	\$54,652	1,245	17%
Computer Network Support Specialist	\$76,184	271	14%

\*Source: TEA/Texaswages.com

To learn more about our CTE Programs please visit <https://www.HoustonISD.org/CareerReadiness> or any of the campuses listed.

