



INFORMATION TECHNOLOGY



Academics

Program of Study: Networking Systems

The **Networking Systems** program teaches students about jobs and learning opportunities related to building and working with computer networks. These networks help computers talk to each other in places like schools, businesses, or even between cities. Students learn how to set up these networks and fix problems so computers can share information better and faster.

CAMPUSES

Austin HS	Kashmere HS	Scarborough HS	Washington HS	Worthing HS
Bellaire HS	Lamar HS	Sharpstown HS	Westbury HS	
Chavez HS	Madison HS	Sharpstown Int HS	Westside HS	
Heights HS	North Forest HS	Sterling HS	Wheatley HS	
Houston MSTC	Northside HS	Waltrip HS	Wisdom HS	

INDUSTRY-BASED CERTIFICATIONS OFFERED

- Information Technology Specialist: Networking, CompTIA Network+, NOCTI: Cybersecurity Fundamentals

CAREER OCCUPATIONS

ASSOCIATE'S DEGREE

Computer Network Support Specialists

Median Salary:	\$64,551
Annual Openings:	297

BACHELOR'S DEGREE

Computer and Information Systems Managers

Median Salary:	\$160,212
Annual Openings:	613

Network and Computer Systems Administrators

Median Salary:	\$95,728
Annual Openings:	621

Computer Network Architect

Median Salary:	\$138,722
Annual Openings:	194

Computer Hardware Engineers

Median Salary:	\$158,523
Annual Openings:	287

OTHER OCCUPATIONS

DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	10-YEAR GROWTH
Computer Systems Analysts	\$136,057	37,300	9%
Computer, Automated Teller, and Office Machine Repairers	\$42,476	229	9%

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

Cite Sources:

*Rice University Kinder Institute Workforce Demand Dashboard ([Click Here](#))

**"Employment Projections - Texas Wages and Employment Projections" ([Click Here](#))



.. INFORMATION TECHNOLOGY



Academics

Program of Study: Web Development

The **Web Development** program teaches students how to make and change websites. It includes learning how to add pictures, sounds, videos, and other cool stuff to websites. Students also learn how to use special computer programs to help build websites that work well and look great.

CAMPUSES

Austin HS
Heights HS

INDUSTRY-BASED CERTIFICATIONS OFFERED

- Code HS Web Design Level I Certification

CAREER OCCUPATIONS

ASSOCIATE'S DEGREE

Web Developers

Median Salary: \$74,004
Annual Openings: 199

BACHELOR'S DEGREE

Web and Digital Interface Designers

Median Salary: \$93,700
Annual Openings: 971

OTHER OCCUPATIONS

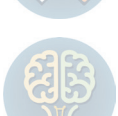
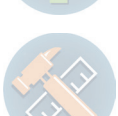
DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	10-YEAR GROWTH
Computer and Information Systems Managers	\$160, 212	613	9%

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

Cite Sources:

*Rice University Kinder Institute Workforce Demand Dashboard ([Click Here](#))

**"Employment Projections - Texas Wages and Employment Projections" ([Click Here](#))





INFORMATION TECHNOLOGY



Academics

Program of Study: Programming and Software Development

The **Programming and Software Development** program teaches students how to make computer programs and apps. They learn how to plan, build, test, and fix software that helps computers do different jobs. This can include programs for hospitals, businesses, the military, space, and more. Students also learn how to write the special codes that tell computers what to do.

CAMPUSES

Bellaire HS	Westside HS
Eastwood HS	Middle College at
HAIS	Gulfton
Lamar HS	
Leland YMCPA	
Sharpstown Intl	

INDUSTRY-BASED CERTIFICATIONS OFFERED

- Information Technology Specialist: Java, Code HS Python Level

CAREER OCCUPATIONS

ASSOCIATE'S DEGREE

Software Developers

Median Salary: \$117,158
Annual Openings: 2,532

BACHELOR'S DEGREE

Database Administrators

Median Salary: \$104,625
Annual Openings: 280

MASTER'S, DOCTORAL, AND PROFESSIONAL DEGREES

Data Scientists

Median Salary: \$76,373
Annual Openings: 107

OTHER OCCUPATIONS

DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	10-YEAR GROWTH
Computer Programmers	\$85,725	203	5%

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

Cite Sources:

*Rice University Kinder Institute Workforce Demand Dashboard ([Click Here](#))

**"Employment Projections - Texas Wages and Employment Projections" ([Click Here](#))





.. INFORMATION TECHNOLOGY



Academics

Program of Study: Cybersecurity

The **Cybersecurity** program teaches students how to keep computers and information safe. They learn how to protect computer systems from hackers and viruses. Students also learn how to watch for problems, fix them, and make sure everything stays secure.

CAMPUSES

Barbara Jordan Career Center

CAREER OCCUPATIONS

ASSOCIATE'S DEGREE

Computer Network Support Specialists

Median Salary: \$95,728
Annual Openings: 621

BACHELOR'S DEGREE

Network and Computer Systems Administrators

Median Salary: \$95,728
Annual Openings: 621

Information Security Analysts

Median Salary: \$110,512
Annual Openings: 296

Computer and Information Systems Managers

Median Salary: \$160,212
Annual Openings: 613

OTHER OCCUPATIONS

DESCRIPTION	MEDIAN SALARY	ANNUAL OPENINGS	10-YEAR GROWTH
Computer Systems Analysts	\$95,728	1,236	12%

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

Cite Sources:

*Rice University Kinder Institute Workforce Demand Dashboard ([Click Here](#))

**"Employment Projections - Texas Wages and Employment Projections" ([Click Here](#))

