Information Technology

Business and Industry Endorsement

Do you…

install software on computers?

serve as webmaster for your club or student organization?

help family and friends to connect equipment such as speakers and wires?

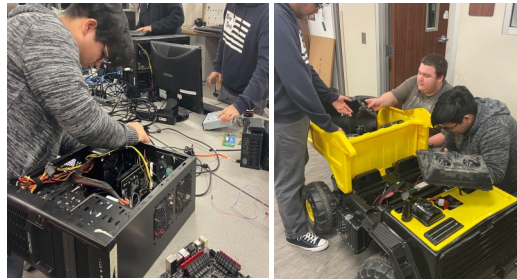like helping people?

know how to write a computer program?

Then get ready to log into your future with a career in Information Technology!

Information Technology (IT) has transformed the business world and talented IT specialists play an important role in this industry. If you have strong math skills, an eye for detail, and love creative problem solving, then Instructional Technology may be your future!

Career and Technical Education

Program of Study

Networking Systems

Fastest Growing Careers

Computer Systems Analyst, Computer Network Architect, Network Support Specialist, Computer Programmer, Software Designer

Highest Paying Careers

Chief Information Officer	$157,810
Computer Software Engineer	$114,320
Computer Network Architect	$109,020
Computer Programmer	$103,530
Computer Systems Analyst	$ 91,520

Careers To Consider

4 Year College Degree and Higher:

Software Engineer
Gaming Programmer
Operating Systems Engineer
Systems Analyst

2-Year College Degree:

Help Desk Specialist
Telecommunications Manager
LAN Administrator

Certification and HS Diploma:

Computer Technician, Cabling Installer, Electronic Sales Representative, Networking Specialist
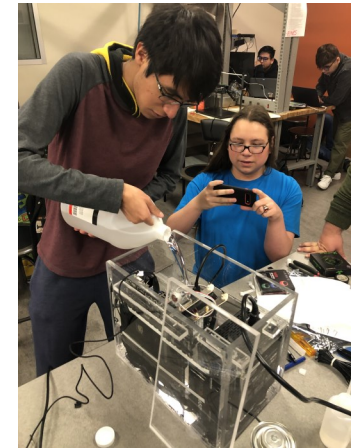

Program of Study in Pasadena ISD

	Grade 9	Grade 10	Grade 11	Grade 12
Networking Systems (Computer Maintenance/ Networking Pathway) CTHS &Tegeler	Principles of Information Technology	Computer Maintenance	Networking Lab	Practicum in Information Technology

Please refer to the Pasadena Course Selection and Registration Guide for more information on career pathways, endorsements, course requirements, and certification opportunities offered at each high school campus.

Earn Industry Certifications

Microsoft Technology Associate
Windows Operating Systems Fundamentals
CompTIA A+
CompTIA IT Fundamentals +

Career and Technical Student Organization—SkillsUSA

SkillsUSA is a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. It teaches the importance of developing leadership skills, positive attitudes and pride in workmanship and prepares students for employment by introducing them to corporate quality culture.

SkillsUSA

Non-Discrimination Notice

PASADENA INDEPENDENT SCHOOL DISTRICT