Tech starts here.

Put your students on the pathway to a thriving tech career.

it INFORMATION TECHNOLOGY **SPECIALIST**

Pearson VUE helps students prepare for their future by offering affordable, entry-level technology certifications.

The Information Technology Specialist program is a way for students to validate foundational IT skills sought after by employers. The IT Specialist program is aimed at candidates who are considering, or just beginning, a path toward a career in information technology.

Students can certify their knowledge in a broad range of IT topics, including AI, software development, database administration, networking and security, mobility and device management, and coding.

Preparing for the future — Help your students become more competitive. IT Specialist is the first step toward more advanced certifications, which will help your students increase their value in the job market.

Careers — An IT Specialist certification demonstrates that students have the necessary skills and knowledge to pursue entry-level technology jobs, such as apprenticeships and internships.

Confidence — Industry-recognized credentials inspire confidence as students pursue future college and career aspirations.

> "From pay raises and job promotions to productivity gains and personal satisfaction, survey respondents benefited in a variety of ways. Of those who set a specific goal for certification, 80% successfully met those goals and reaped direct and intrinsic benefits."
>
> **2023 Value of IT Certification Candidate Report**

> "No matter what degree you chose or road you choose to travel, everything has become digital so you will need foundational technology skills at every point in your life."
>
> **Deloris**
> Technology Specialist, College Connection

IT Specialist Certification:

Help students explore their potential while preparing them for information technology education and careers which require the following in-demand skills:

Artificial Intelligence — professional use of AI by understanding how it can be used to solve problems.

Cloud Computing — ability to identify and describe end solutions that leverage cloud technologies, considerations that span across solutions and the "art of the possible"

Computational Thinking— decompose problems, collect and analyze data, recognize patterns in data, represent data through abstractions, and automate solutions by using algorithmic thinking

Cybersecurity — understanding of key security paradigms, terminology, and mindset including a keen awareness of the importance of security and the threats to a business when security procedures are not followed.

Data Analytics — responsibly manipulate, analyze, and communicate.

Databases — foundational knowledge of how to design and query relational databases, such as MySQL, Microsoft SQL Server, or Oracle.

Device Configuration and Management — oundational skills in, and a basic knowledge of, Windows devices and mobility.

HTML and CSS — ability to structure a webpage using HTML elements and create and apply styles using CSS.

HTML5 Application Development — skills using HTML5, CSS, and JavaScript to build responsive web applications that will run on a variety of touch-enabled devices, including PCs, tablets, and phones.

JavaScript — ability to recognize, write, and debug JavaScript code that will logically solve a problem.

Java — ability to recognize, write, and debug Java code that will logically solve a problem.

Networking — foundational networking knowledge and skills, including TCP/IP, networking services, topologies, and troubleshooting in wired and wireless environments.

Network Security — understanding of core security principles, operating system security, network and device security, and secure computing practices.

Python — ability to recognize, write, and debug Python code that will logically solve a problem.

Software Development — core skills such as object-oriented programming, web applications, and databases. Candidates are expected to have some experience with C# and ANSI SQL.

Boost your students' confidence.

IT Specialist certifications are a great way to boost the confidence of your students by providing them with the sense of accomplishment that comes with earning an industry-recognized credential.

Build your tech program.

Success is contagious. When word spreads that students from your program are earning certifications and preparing for high-paying tech careers, other students will naturally want to join.

IT INFORMATION TECHNOLOGY SPECIALIST

Get started today: http://www.PearsonVUE.com/ITSpecialistCert
Mindhubpro.Partneroffers@Pearson.com