

This course introduces hardware and operating systems, highlighting the high demand and lucrative salaries in IT. The curriculum covers operating system fundamentals, computing devices (including stationary, mobile, and IoT devices), and their associated platforms and operating systems (Windows, macOS, Linux, Android, iOS, ChromeOS). It emphasizes hands-on learning through videos, interactive activities, and assessments, leading to a shareable certificate. A section on computing fundamentals defines computers, classifies them by size and use, explains their four core functions (input, processing, output, storage), and details their benefits. Another section explains numeral systems (decimal, binary, hexadecimal), data types (characters, strings, integers, floats, Booleans), and character encoding (ASCII, Unicode). Finally, the course explores Windows 10, covering login methods, desktop navigation, settings access, window management, and keyboard shortcuts. The course aims to equip students with job-ready skills and knowledge relevant to the CompTIA IT Fundamentals Certification Exam.