After completing this lesson, you will know:

- The history of computers from the 1940s up to the present.
- The future of computing.
- The many ways in which computers are used in modern life.
- How to make computers accessible to persons with disabilities.
- How computers are used in business and education.

History of Computing

- 1940s
  1. First computers built for breaking enemy codes in WWII
  2. ENIAC (first all-electronic computer)
- 1950s
  1. Invention of the transistor
  2. IBM 7000 series
- 1960s
  - Silicon chip invented
  - First mini-computers from DEC and IBM

History of Computing

- 1970s
  1. Xerox Alto first GUI computer (1975)
  2. MITS Altair first personal computer (1975)
  3. Tandy/Radio Shack personal computer (1975)
  4. Wozniak and Jobs design Apple I and II
- 1980s
  1. IBM PC (1981) and DOS
  2. Mac (1984)
  3. "Portable" computers debut

History of Computing

- 1990s
  1. Personal computers improve dramatically
  2. Microsoft Windows 3.0 (1990)
  3. Internet and World Wide Web
- 2000s
  - High-speed Internet access
  - Instant messaging
  - Tablet PC
  - E-commerce
  - Security: viruses, worms, hacks, identity theft

Accessible Technology

- **Accessibility features:**

    An operating system and software with features that can be adjusted and customized to your own accessibility needs.

- **Assistive technology products:**

    Designed to accommodate an individual's disability or multiple disabilities.

- **Compatibility:**

    An operating system and software compatible with a specific type of assistive technology product.

Information Technology Careers

- Hardware Engineer
- Support Professional
- Developer/Programmer
- Software Tester
- Systems Administrator
- Database Administrator
- Certified Professional

Computers in Education

Language Arts

- Reading
- Writing
- Art
- Music

Math and Science

- Math
- Biology
- Chemistry
- Ecology
- Geology