

# Technology and Health Careers

## Clinical Laboratory Science (pgs. 22-28 in H.O.T. Jobs Guidebook):

- Crucial in the detection, diagnosis and treatment of disease
- Instruments (such as microscopes, electronic counters, automated analyzers) used to test blood, tissue and bodily fluids
- Specializations include clinical chemistry, microbiology, immunology, hematology and blood bank technologies
- Professionals must be accurate, able to work under pressure, and possess strong analytical and technical skills
- Careers:
  - **Blood Bank Technology Specialist**
  - **Clinical Laboratory Scientist**
  - **Clinical Laboratory Technician**
  - **Cytotechnologist**
  - **Histologic Technician / Histotechnologist**
  - **Phlebotomist**



## Special Technologies and Services (pgs. 100-105 in H.O.T. Jobs Guidebook):

- New occupations resulting from recent developments in technology
- Requires special technical training and knowledge
- Careers:
  - **Cardiovascular Technologist**
  - **EKG Technician**
  - **Electroneurodiagnostic Technologist**
  - **Perfusionist**
  - **Surgical Technologist**



## Science and Engineering (pgs. 94-99 in H.O.T. Jobs Guidebook):

- Scientists mainly work in research and development
- Engineers solve medical and health related problems
- Careers:
  - **Biomedical Engineer**
  - **Biomedical Equipment Technician**
  - **Biotechnologist**
  - **Forensic Scientist**
  - **Research Scientist**

