

Clinical/Medical Laboratory Science



Nature of the Profession

Clinical/medical laboratory scientists (also known as medical technologists) and medical laboratory technicians or clinical laboratory technicians are integral members of the health care team. Clinical/medical laboratory scientists/medical technologists (CLS/MT) provide and supervise laboratory services for the diagnosis, treatment, and management of disease. They perform complex chemical, biological, and molecular techniques which are used in clinical and research laboratories. Clinical/medical laboratory technicians/medical laboratory technicians (CLT/MLT) perform routine laboratory procedures. Their work involves conducting analyses on blood, tissues, and other bodily fluids, utilizing advanced laboratory equipment and techniques. Clinical Laboratory Scientists play a crucial role in producing accurate and reliable results that guide physicians in making informed decisions about patient care.

Aptitudes

- Ability to perform complex laboratory procedures
- Strong analytical and problem solving skills
- Ability to work well under stress
- Excellent communication skills
- Ability to work independently as well as with others
- High level of integrity and responsibility
- Good organizational skills

Education

CLT/MLTs must have a 2-year associate degree in Medical Laboratory Technology or a related field. CLS/MT certification requires a 4-year baccalaureate degree in Medical Laboratory Science, Clinical Laboratory Science, or a related field.

Certification

Certification requires a baccalaureate (CLS/MT) or an associate degree (CLT/MLT). In addition, it is necessary to pass a national examination given by the Board of Registry, American Society for Clinical Pathology (ASCP) or the National Certifying Agency (NCA)

Annual Mean Wage

\$57,380

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