

About YSU

- A friendly atmosphere and individual attention
- Modern, well-equipped labs and equipment that duplicate on-the-job conditions
- Hands-on experience for practical skills
- Expert faculty recruited from business, industry, and the professions
- A solid theoretical grounding in your chosen technology or career area
- Costs that won't put you deeply in debt before you even begin your career
- Day, evening and weekend classes
- Faculty-student ratio of approximately 1:20
- Recognized as one of the safest public university campuses in Ohio
- Free tutoring is available in all subjects
- Free Internet service to students
- Career search and placement service
- Student disability services program

Admissions

Ohio residents must be a high school graduate or hold a General Education Diploma (GED). ACT or SAT scores are necessary if you have been out of school less than two years or if required for admissions into restricted programs. Non-residents must have graduated in the upper two-thirds of their high school class; or have an ACT composite score of at least 17; or have a combined SAT score of at least 820; or passed the test of the General Education Development (GED).

Transfer admissions—Ohio residents must be in good standing at the last institution attended with an overall accumulative grade point average of 2.0 or higher (on a 4.0 system). Those with less than the required average may be considered for admission under probationary conditions. Non-residents must be in good standing at the last institution attended with an overall accumulative grade point average of 2.0 or higher (on a 4.0 system).

For an application or more information, contact the Office of Undergraduate Admissions at 330-941-2000 or 1-877-GO-TO-YSU (877-468-6978).

Scholarships and Financial Aid

YSU offers a full range of federal and state financial aid programs (scholarships, grants-in-aid, loans and part-time employment) for those who qualify. To obtain materials and applications or if you have any questions, contact the Office of Financial Aid and Scholarships at 330-941-3505.

Youngstown State University is committed to a policy of nondiscrimination on the basis of race, color, age, religion, sex, national origin, disability, sexual orientation, or identity as a disabled veteran or veteran of the Vietnam era.

Youngstown
STATE UNIVERSITY

Youngstown State University

Clinical Laboratory Technology

ASSOCIATE
Degree

Youngstown
STATE UNIVERSITY

Clinical Laboratory Technology

The two-year Associate in Applied Science Degree program in clinical laboratory technology (medical laboratory technology) at Youngstown State University prepares students to work as clinical laboratory technicians (medical laboratory technicians) in a variety of healthcare and laboratory settings. The program focuses on knowledge and basic skills and an understanding of principles and mastering procedures of laboratory testing, computer technology, communication and interpersonal skills and laboratory calculations. The clinical laboratory technology program requires five semesters including one summer semester.

The clinical laboratory technician tests under the supervision or direction of pathologists and other physicians, clinical laboratory scientists (medical technologists) who specialize in clinical chemistry, microbiology, or hematology. The CLT develops data on blood, tissues and body fluids by using a variety of precise methodologies and technologies. These tests are used by physicians to determine the presence and extent of disease, the etiologic implications about the cause of disease, and to monitor the treatment of the disease.

The clinical laboratory technology program is accredited through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and meets the standard developed by the American Society of Clinical Pathologists (ASCP) and the American Society of Clinical Laboratory Science (ASLS). Graduates are eligible to take the certification examinations for Medical Laboratory Technician/Clinical Laboratory Technician offered through ASCP and ASLS and become certified as a Medical Laboratory Technician (ASCP) or as Clinical Lab Technician (NCA).

Admission to the program is restricted and interested students must apply by March 1st to the academic advisors in the Bitonte College of Health and Human Services. Students may obtain a copy of the admission criteria in the Department of Health Professions.

For more information on the clinical laboratory technology associate degree program, contact the Department of Health Professions at (330) 941-3327.

Degree Requirements

Students must complete the following courses:

- Writing 1
- Writing 2
- Communication Theory and Practice
- Principles of Biology 1 & Lab
- General Chemistry 1 & Lab
- Social and Personal Responsibility Elective
- Artistic and Literary Perspectives Elective
- Principles of Biology 2 & Lab
- Introduction to Clinical Lab Science & Lab
- Urinalysis
- Urinalysis Laboratory
- Immunohematology & Lab
- Clinical Procedures Lab
- Clinical Chemistry 1 & Lab
- Clinical Chemistry 2 & Lab
- Diagnostic Microbiology & Lab
- Clinical Hematology & Lab
- Clinical Immunology
- Topics in Clinical Laboratory Technology
- Clinical Practicum
- Clinical Seminar
- Interpretation of Laboratory Results

2+2 Program

The two-year associate degree program in clinical laboratory technology provides transition directly into the four-year bachelor's program.

Accreditation

Youngstown State University is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Secondary Schools. (30 North LaSalle Street, Suite 2400 Chicago, Illinois 60602-2504; Telephone: 800-621-7440). Programs within the individual colleges are further accredited by their respective professional bodies. Those accreditations are listed in each college section.

