

SAINT FRANCIS HOSPITAL SCHOOL OF MEDICAL TECHNOLOGY
TULSA, OKLAHOMA

"A Career for Scientific and Analytical Minds"

Join Our Team of Laboratory Professionals!

The Saint Francis Hospital School of Medical Technology is a hospital-based program that offers a twelve-month clinical internship to students seeking a career in the medical laboratory.

Established in 1964, the school accepts up to 10 students per year. The clinical internship is comprised of didactic and technical instruction in six areas of the clinical laboratory: Blood Bank, Chemistry, Coagulation, Flow Cytometry, Molecular/Cytogenetics, Hematology, Immunology, Microbiology, Phlebotomy, and Urinalysis.

Accreditation

The Saint Francis Hospital School of Medical Technology is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS).

Mission

To provide an opportunity for carefully chosen men and women, whose general interests are in biology and chemistry, to learn clinical laboratory science and laboratory medicine.

Goals

To produce graduate medical technologists with technical and scientific competence for an entry level position in a healthcare facility. We also endeavor to promote professionalism and to encourage our graduates to demonstrate a positive and caring attitude toward patients, their family members, and fellow members of the healthcare team.

Program Officials

Medical Advisor:

Cynthia Holmes, M.D.

Program Director:

Theresa Foster, MPH, MT(ASCP)SH

Advisory Board:

Cynthia Holmes, M.D. - Medical Advisor
Theresa D. Foster - Program Director
Jay Hupp - Technical Manager
Betty Dubose - Medical Technologist Emeritus
Lou Anne Pease - Lead Medical Technologist
Marvita McGuire, Ph.D. - University Affiliate
Jason Boone - Supervisor

Faculty:

A faculty list is available upon request.

University Affiliates

The Saint Francis Hospital School of Medical Technology has established an affiliation agreement with the following universities:

Cameron University
Lawton, OK
Gabriela Rodman, Ph.D.

East Central University
Ada, OK
Terry Cluck, Ph.D.

Northeastern State University
Tahlequah, OK (campus)
Marvita M^cGuire, Ph.D.

Northeastern State University
Broken Arrow, OK (campus)
Sue Woods, Ph.D.

Oklahoma State University
Stillwater, OK
Pamela Hathorn, Ph.D.

Southwestern Oklahoma State University
Weatherford, OK
Gary Wolgamott, Ph.D.

University of Central Oklahoma
Edmond, OK
Ann Ewing, Ph.D.

A temporary affiliation agreement with a non-affiliated university/college is granted as needed.

Admission Requirements

Students may apply for admission to the School of Medical Technology if the student is a candidate for a baccalaureate degree in an affiliated university/college, or has a baccalaureate degree and meets the program academic prerequisite requirements.

Baccalaureate Candidate

3+1 Option

(3 years of college + 1 year medical technology program internship)

Post Baccalaureate Candidate

4+1 Option

(Baccalaureate degree + 1 year medical technology program internship)

Applicants who have not completed their degree must be eligible for a baccalaureate degree in biology, chemistry, or medical technology from the university/college at the completion of the medical technology program.

Applicants who received their degree seven or more years before application will be assessed on an individual basis.

Applicants who possess a foreign baccalaureate degree should have their course work evaluated by an evaluation agency that is a member of the National Association for Credential Evaluation Services, Inc., and must meet the minimum requirements specified by the program and NAACLS Standards.

Applicants who have prior laboratory experience may shorten their clinical laboratory experience by demonstrating competency on individual clinical performance evaluations and/or hospital final examinations (ADVANCED PLACEMENT).

Academic Prerequisites

Students must have a minimum cumulative GPA and biological science/chemistry GPA of 2.5, using the 4.0 grading scale.

The following is a list of minimum academic courses required by the Saint Francis Hospital School of Medical Technology Program prior to admission:

Biology

Minimum of 16 credit hours

- Microbiology (Bacteriology)
- Immunology
- Human Anatomy or Human Physiology
- Biological Science Elective

Chemistry

Minimum of 16 credit hours

- Inorganic Chemistry (two courses)
- Organic Chemistry
- Biochemistry
- Chemistry Elective

Mathematics

- College Algebra

Recommended Courses

- Parasitology
- Mycology
- Computer Science/Information Systems
- Genetics
- Instrumentation
- Statistics
- Quantitative Analysis
- Statistics

Essential Functions for Admission

Essential functions represent the non-academic requirements of the program that students must possess to successfully participate in the program. The following is a list of technical abilities and skills:

Manual Dexterity: Possess gross/fine motor skills with eye-hand coordination; grasp various-sized objects with one or both hands; twist and turn knobs; maneuver phlebotomy/ microbiology equipment; manipulate/adjust pipettes; use computer keyboard and mouse; a sense of touch and temperature discrimination.

Mobility: Move freely and safely in the clinical laboratory, patient-care areas, corridors, and elevators; able to reach laboratory instruments, equipment, countertops, shelves, and patients lying down or sitting up.

Vision: Differentiate color shades and fine structural characteristics of specimens macro/microscopically; view charts, numbers, and graphs in print or on computer monitor; observe laboratory demonstration of techniques and test procedures; judge distance and depth accurately.

Hearing: Possess normal or corrected hearing with or without the use of assistive devices.

Speech: Communicate verbally with clarity in English to laboratory/healthcare staff in a timely manner (stat or critical test results); deliver oral presentations to laboratory staff and classmates.

Writing: Exhibit legible penmanship in English.

Reading: Read and comprehend technical and professional materials (textbooks, journals, instruction manuals) and practical examinations; follow directions printed in English.

Standing/Sitting: Tolerate prolonged positioning for several hours due to repetitive tasks.

Lifting: Lift and handle objects up to 50 pounds.

Behavioral Stability: Remain calm and accurately perform lab duties during emergency and non-emergency situations; be flexible and adaptable to changes; work with infectious/biohazardous specimens and hazardous chemicals; work independently and with others; and demonstrate a professional image.

Intellectual: Recall, apply, and evaluate laboratory data; prioritize tasks; problem solve and troubleshoot situations; exhibit sound judgment for appropriate corrective actions.

Applicants are given an Essential Functions form to review, sign, and return to the program director prior to the personal interview.

Application Process

Applicants should apply during Fall of the year preceding entry into the program. The deadline for application is October 15th, established by the Oklahoma Consortium of Clinical Laboratory Science Affiliates (OCCLSA).

Application and academic reference forms (Adobe PDF) may be downloaded.

[Download the application](#)

[Download the academic reference form](#)

Application and academic reference forms (Adobe PDF) may also be obtained from the affiliated university medical technology advisors, or from:

Theresa D. Foster, Program Director
School of Medical Technology
Saint Francis Hospital Laboratory
6161 South Yale Avenue
Tulsa, OK 74136
(918) 494-6342

The following information is needed to complete the application file:

Application
Official university or college transcript(s)
List of courses in progress and/or planned
Academic reference from two professors (standard form)
Employer reference
Personal reference (i.e. clergy, friend, co-worker)
Essential Functions for Admission form with applicant's signature

Upon completion of the application file, the applicant must schedule a personal interview with the Admission Committee at Saint Francis Hospital between November 1st and January 15th.

Selection Criteria

Applicants who have met the entrance requirements and completed the application procedure may be selected for admission based on the following criteria:

Oral and Written Interview
Career Motivation
Grade Point Average
Communication Skills
Academic Reference
Employment/Personal References

Student selection is non-discriminatory with respect to race, color, religion, sex, age, national origin, and disability.

Student Selection

Selection of students is made in January for the class to begin the first Monday in June. The school participates in the Oklahoma Consortium of Clinical Laboratory Science Affiliates (OCCLSA) Matching Program. Class size is 10 students.

Curriculum

The curriculum consists of 49 weeks of structured educational experiences. A fine balance is kept between theoretical and practical instruction. Students spend approximately 12-14 hours per week in formal lectures and the remaining 24-26 hours in the clinical laboratory learning technical skills and developing interpersonal skills and professionalism under actual hospital conditions. Lecture responsibilities are shared by phlebotomists, medical technologists, and pathologists. There are clinical instructors who coordinate and supervise the practical instruction.

Course Descriptions

All clinical courses cover quality control, computer applications, safety, government regulations, instrumentation, and quality assurance and improvement.

4117 Clinical Microbiology (7 semester hours)

Lectures and supervised laboratory instruction in pathogenic bacteria, fungi, parasites, viruses, and antimicrobial testing, with emphasis on clinical decisions and medical significance.

4125 Clinical Chemistry I (5 semester hours)

Lectures and supervised laboratory instruction in biochemistry methodology and clinical microscopy, with emphasis on clinical decisions and medical significance.

4325 Clinical Chemistry II (5 semester hours)

Lectures and supervised laboratory instruction in biochemistry methodology and clinical microscopy, with emphasis on clinical decisions and medical significance.

4236 Clinical Hematology (6 semester hours)

Lectures and supervised laboratory instruction in routine and special hematology studies, correlating hematological findings with medical significance. Systematized study of disease, cell maturation and function, principles of homeostasis; methodology used in routine and special hematology studies; and correlation of hematological findings with physiological conditions.

4246 Clinical Immunology/Immunochemistry (6 semester hours)

Lectures on immunologic (antigen-antibody) responses, serological methodology and theory of immunochemistry as applied to blood groups, types, compatibility testing, and blood components. Supervised laboratory instruction in immunology and immunochemistry methodology, with emphasis on clinical decisions and medical significance.

4351 Topics in Medical Technology (1 semester hour)

Lectures on principles and practices of the Medical Laboratory, including management education (healthcare delivery systems, ethics, professionalism, communication skills, human resources, and financial management), performance improvement, education methodology, laboratory and hospital information systems, safety and governmental regulations, research design/special projects, and patient case studies.

TOTAL = 30 semester hours

General Information

Tuition/Fees/Refunds

An affiliated university student will pay tuition to the university. The student is subject to the refund policy of the university.

A non-affiliated university student who possesses a baccalaureate degree will pay a fee directly to the School of Medical Technology to cover the expense of the clinical laboratory education. Fees are non-refundable.

Books	\$690
Liability Insurance	\$42
Clinical Education Fee (non-affiliated student)	To be determined*
National Board Exams	
ASCP	\$200
NCA	\$145

* The non-affiliated student fee will be the same as the affiliated university student fee, which is determined by the Regional University System of Oklahoma (RUSO). Prices are subject to change. **Contact the program director for more information.**

Financial Aid

Saint Francis Hospital School of Medical Technology does not offer financial aid to students. Students should contact their university financial aid office for information.

Accommodations

Students are expected to make their own living arrangements.

Professional Memberships

Students will become members of ASCP (American Society for Clinical Pathology) and ASCLS (American Society of Clinical Laboratory Science).

Scholarships

Scholarships are available from Saint Francis Hospital, American Society for Clinical Pathology (ASCP), and American Society for Clinical Laboratory Science (ASCLS) during the clinical year. For more information, contact the program director.

Graduation

A certificate and pin are awarded by the hospital upon completion of the following:

- Fulfillment of university requirements for graduation
- Attainment of 75% or better on all course curriculum
- Completion of all clinical rotations prior to the national certification exam dates

Graduation is not contingent upon passing the certification exams.

Certification Exams

Student interns are eligible to take a national board exam offered by ASCP BOC (American Society for Clinical Pathology Board of Certification) after successfully completing the School of Medical Technology and university requirements for graduation.

The national certification exams are given to recognize the competency of an individual who has met specific criteria and who possesses the knowledge and skills essential to performing tasks for an entry-level medical technologist/clinical laboratory scientist.

The Saint Francis Hospital School of Medical Technology graduates have placed in the top 5-25% nationally on national board exams.

Program Statistics

Saint Francis Hospital School of Medical Technology statistics for the past 10 years are as follows:

Graduation Rate:	97%
Attrition Rate:	3%
National Board Exam Pass Rate:	100%
Job Placement Rate:	100%
Saint Francis Hospital Graduate Retention Rate:	64%

We are proud to say, employer surveys of graduates indicate high caliber performance on the job.

Career Opportunities

Numerous opportunities exist in a variety of settings including hospital, forensic, research and industrial laboratories, medical and veterinary clinics, physician's office laboratories, scientific supplies sales, computer industries, consultation services, public health/DNA/cytogenetic laboratories, educational institutions, and the armed forces.

As a scientific fact-finder and problem-solver, the medical technologist/clinical laboratory scientist provides the physician with information used in the diagnosis and treatment of the patient.

A current shortage of medical technologists has resulted in an increased demand for medical technology professionals.

Contact Information

I would like to thank you for inquiring about the Saint Francis Hospital School of Medical Technology Program. If you need additional information about the medical technology profession, please contact:

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