

Indiana Commission for Higher Education
Indiana Board for Proprietary Education

**Out-of-State Institutions and
In-State Proprietary Institutions Offering Instruction in Indiana
with a Physical Presence in the State**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution **Harrison College (Fort Wayne)**

Program name and
Suggested CIP Code: **Medical Laboratory Technology 51.1005**

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) **AAS**

Name of Person Preparing this Form **Kristen Akers**

Telephone Number **317-447-6893** **Application Type**

Date the Form was Prepared **September 1, 2016** Initial or Renewal
(Revise date after any revision)

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

This program seeks to provide a progressive curriculum of general education, basic science, math and clinical and technical instruction. The goal of the program is to provide the academic, professional and clinical skills needed for entry-level positions as a Medical Laboratory Technician. Objectives include the utilization of critical and analytical thinking skills in the application of principles and regulations for quality assurance, accuracy and validity of laboratory tests. Graduates will be able to competently and safely perform procedures in collection, processing and analyzing biological specimens and in the multiple aspects of routine clinical laboratory and other current and emerging diagnostic tests. Graduates will apply professional standards and ethics in the performance of evaluation, quality assessment and management of laboratory results and in the communication of patient information as part of the health care team. The Medical Laboratory Technician usually works in a hospital laboratory setting under the supervision of a Medical Technologist or clinical laboratory professional. The Medical Laboratory Technician may also work in specialized reference laboratories, physician office labs or industrial/research laboratories.

Program Objectives

Upon graduation, students will be able to:

1. Analyze and interpret the results of clinical laboratory tests for accuracy and correlation with other test results.
2. Perform biological testing in clinical laboratory disciplines according to policies and procedures.
3. Maintain laboratory instrumentation according to industry guidelines.
4. Maintain and promote good lab practices.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, course number, and number of credit hours or clock hours for each course.

Name of Program: _____ Medical Laboratory Technology

Total Course Hours: 98 Check one: Quarter Hours X
 _____ Semester Hours _____
 _____ Clock Hours _____

Tuition : \$44,600 Length of Program: 84 weeks

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
ANP1040	Human Anatomy & Physiology I	4
ANP1050	Human Anatomy & Physiology II	4
EXT2770	MLT Micro-Chemistry-Urine Externship	6
EXT2790	Blood Bank-Hematology-Coag Externship	6
MLT1130	Laboratory Calculations	4
MLT1250	Clinical Techniques and Principles I	4
MLT1430	Urine and Body Fluids	4
MLT1460	Immunoserology	4
MLT1480	Microbiology I	4
MLT2480	Microbiology II	4
MLT2530	Hematology I	4
MLT2540	Hematology II	4
MLT2630	Clinical Chemistry I	4
MLT2640	Clinical Chemistry II	4
MLT2660	Immunochemistry I	4
MLT2670	Immunochemistry II	4
MLT2680	Medical Laboratory Capstone	4
MLT1260	Clinical Techniques and Principles II	4

GS1000	Success Strategies	6
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GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CHM1020	General Chemistry I	4
BIO1100	Biological Science	4
PSY1060	Psychology	4
COM1050	Composition I	4

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
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Number of Credit/Clock Hrs. in Specialty Courses: 82 / 98 Percentage: 83.7%

Number of Credit/Clock Hrs. in General Courses: 16 / 98 Percentage: 16.3%

If applicable:
Number of Credit/Clock Hrs. in Liberal Arts: / Percentage:

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

Location: The Library is located on the campus at: 6413 North Clinton Street, Fort Wayne, Indiana. All Harrison College students can also retrieve library resources and services from the Library website, accessible at all times from any web-connected computer. The Library website at <http://harrison.libguides.com/home/Library> features links to a materials catalog and the online resources.

Hours: The Library is fully staffed Monday – Thursday 8:15 AM – 5:30 PM, Friday 8:00 AM – 4:00 PM. In addition, live online librarian-staffed chat reference is available during normal business hours.

Staff: One full-time librarian is available in the Library with the assistance of one college work study student at 10-20 hours per week to cover lunches, meetings, or other times the librarian is out of the Library. Students are also served by over 15 full-time professional librarians from other Harrison College campuses around the state who participate cooperatively in live chat and email reference, resource and collection development, and delivering instructional presentations.

2. Number of volumes of professional material:

The physical collection represents over 700 titles, picked specifically to support the program areas offered locally. This collection includes both circulating and reference materials. In addition, the Library offers direct access to over 134,000 ebooks.

3. Number of professional periodicals subscribed to:

The campus provides access to over 30,621 electronic journal titles from a number of vendors, in addition to subscribing to 30 print journals chosen to support the various program areas, to meet the general education requirements of this campus and to promote life-long learning.

4. Other library facilities in close geographical proximity for student access:

The Indiana University-Purdue University at Fort Wayne Library is located approximately 3.5 miles from campus. This library provides access as a state-funded institution to materials onsite.

The Allen County Public Library is located approximately 4.7 miles from campus. This library provides cards to any resident of Allen County. Materials are able to be utilized onsite by any.

**Supplementary Information on
Licensure, Certification, and Accreditation**

Institution: Harrison College
Degree Program: Medical Laboratory Technology
Locations: Fort Wayne

State Licensure

Does a graduate of this program need to be licensed by the State to practice their profession in Indiana and if so, will this program prepare them for licensure? No.

If so, please identify

The specific license(s) needed: N/A

The State agency issuing the license(s): N/A

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Professional Certification

What are the professional certifications that exist for graduates of similar program(s)?

The certification exam available for the Medical Laboratory Technology program graduate is the Medical Laboratory Technician (MLT) exam through the American Society for Clinical Pathology (ASCP) Board of Certification (BOC).

Will a graduate of this program be prepared to obtain national professional certification(s) in order to find employment, or to have substantially better prospects for employment, in a related job in Indiana?

While a certification is not required in the field, most hospital laboratories require ASCP certification. Graduation from the Medical Laboratory Technology program prepares students to take the MLT certification exam.

If so, please identify

Each specific professional certification: Medical Laboratory Technician – MLT (ASCP)

The national organization issuing each certification: American Society for Clinical Pathology (ASCP) Board of Certification (BOC).

Please explain the rational for choosing each professional certification:

While a certification is not required in the field, most hospital laboratories require ASCP certification. Graduates from the Medical Laboratory Technology program prepares students to take the MLT certification exam.

Please identify the single course or a sequence of courses that lead to each professional certification?

- MLT 1430 - Urine and Body Fluids
- MLT 1460 - Immunoserology
- MLT 1480 - Microbiology I
- MLT 2480 - Microbiology II
- MLT 2530 - Hematology I
- MLT 2540 - Hematology II
- MLT 2630 - Clinical Chemistry I
- MLT 2640 - Clinical Chemistry II
- MLT 2660 - Immunohematology I
- MLT 2670 - Immunohematology II
- MLT 2680 - Medical Laboratory Capstone

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Professional Industry Standards/Best Practices

Does the program curriculum incorporate professional industry standard(s) and/or best practice(s)?

The Medical Laboratory Technology (MLT) program meets the curriculum requirements of and is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

If so, please identify

The specific professional industry standard(s) and/or best practice(s):

The organization or agency, from which the professional industry standard(s) and/or best practice(s) emanate:

The Medical Laboratory Technology program curriculum is based on the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) standards. The Harrison Medical Technology programs has NAACLS accreditation, with comparable courses to meet the industry standards outlined in the NAACLS Standards. These include: Medical laboratory technicians perform, evaluate, correlate and assure accuracy and validity of laboratory information; direct and supervise clinical laboratory resources and operations; and collaborate in the diagnosis and treatment of patients. The medical laboratory technician has diverse and multi-level functions in the areas of collecting, processing, and analyzing biological specimens and other substances, principles and methodologies, performance of assays, problem solving, troubleshooting techniques, significance of clinical procedures and results, principles and practices of quality assessment, for all major areas practiced in the contemporary clinical laboratory.

Medical laboratory technicians practice independently and collaboratively, being responsible for their own actions, as defined by the profession. They have the requisite knowledge and skills to educate laboratory professionals, other health care professionals, and others in laboratory practice as well as the public.

The ability to relate to people, a capacity for calm and reasoned judgment and a demonstration of commitment to the patient are essential qualities. Communications skills extend to consultative interactions with members of the healthcare team, external relations, customer service and patient education. Laboratory professionals demonstrate ethical and moral attitudes and principles that are necessary for gaining and maintaining the confidence of patients, professional associates, and the community.

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Program Accreditation

Does this program need specialized accreditation in order for a graduate to become licensed by the State or to earn a national professional certification, so graduates of this program can work in their profession or have substantially better prospects for employment?

While a certification is not required in the field, most hospital laboratories require ASCP certification. Programmatic accreditation is required for graduates to be eligible to sit for the MLT certification exam.

If so, please identify the specialized accrediting agency:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

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Transferability of Associate of Science Degrees

Since CHE/BPE policy reserves the Associate of Science designation for associate degrees whose credits apply toward meeting the requirements of a related baccalaureate degree, please answer the following questions:

Does a graduate of this A.S. degree program have the option to apply all or almost all of the credits to a related baccalaureate degree at your institution? N/A

If so, please list the baccalaureate degree(s): N/A

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Job Titles

List specific job titles and broad job categories that would be appropriate for a graduate of this program:

Medical laboratory technicians are often employed in a hospital, clinic, diagnostic laboratory, blood bank, physician's laboratory, research laboratory or other medical facility.