

MEDICAL ASSISTING CLINICAL FOCUS, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #2142

Effective May 2026

Division of Health and Wellness Sciences (<http://catalog.lorainccc.edu/academic-programs/allied-health-nursing-health-physical-education-recreation/>)

The medical assisting program provides its students with an orientation to the medical field as an assistant to the physician, physician assistant, or nurse practitioner. Students are first introduced to the administrative responsibilities as a medical assistant. Utilizing a simulated computerized medical office software, students learn to schedule appointments, understand the billing and coding aspects of the office, and responsibilities of operating an office.

Following the administrative courses are the clinical "hands-on" courses. Built within these sections are office procedures like electrocardiograms (EKG's), collecting a testing of common specimens (IE: blood or urine), administering immunizations or vaccinations, minor office procedures (IE: suture removal or wound care), performing and applying learned assessment skills. The Medical Assisting Program is providing students with skills and knowledge to assist an individual obtain and maintain an optimal level of health. The program is committed to preparing entry-level medical assistants.

Upon completion of the first two semesters of the accredited program, you will be able to find employment as an entry-level medical assistant and earn a sustainable wage. Students will also be eligible to take the certification examination offered by:

- The American Association of Medical Assistants to obtain the Certified Medical Assistant (CMA) credential (or)
- The American Medical Technologists to obtain the Registered Medical Assistant (RMA) credential (or)
- The National Healthcareer Association to obtain the Certified Clinical Medical Assistant (CCMA) credential.

In the second year of the associate degree program, upon successfully completing PHBT 112 and PHBT 121, students will earn an additional short-term technical certificate in Phlebotomy. This certification opens up additional career opportunities as a phlebotomist in settings such as hospitals, clinics, private laboratories, physician's offices, or blood donation centers. The courses prepare students to sit for:

- The American Society of Clinical Pathologists (ASCP) Board of Certification Examination earning Phlebotomy Technician (PBT-ASCP) certification, validating their expertise in the field.

Graduates of the associate degree program may also continue their education in health sciences. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

First Year		Hours
Fall Semester		
ENGL 161	COLLEGE COMPOSITION I ¹	3
BIOG 115	BODY STRUCTURE AND FUNCTION ¹	3
MDAS 113	INTRODUCTION TO MEDICAL TERMINOLOGY FOR MEDICAL ASSISTING ^{1,5}	1
ALHN 131	CERTIFIED MEDICAL SCRIBE ¹	5
MDAS 101	FUNDAMENTAL PROCEDURES IN THE MEDICAL OFFICE ^{1,2}	3
MDAS 103	BASIC ADMINISTRATIVE MEDICAL ASSISTING FUNCTIONS ^{1,2}	1
MDAS 104	BOOKKEEPING FUNCTIONS IN THE MEDICAL OFFICE ^{1,2}	2
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY	1
Hours		19
Spring Semester		
PSYH 151	INTRODUCTION TO PSYCHOLOGY ¹	3
ALHN 130	MEDICAL CODING FOR THE PHYSICIAN'S OFFICE ¹	5
MDAS 105	DIAGNOSTIC TESTING IN THE MEDICAL OFFICE ^{1,2}	2
MDAS 106	SPECIMEN COLLECTION IN THE MEDICAL OFFICE ^{1,2}	2
MDAS 107	PATIENT CARE IN THE MEDICAL OFFICE ^{1,2}	5
MDAS 108	MEDICAL ASSISTING PRACTICUM ²	1
Hours		18
Second Year		
Fall Semester		
ALHN 121	GENERAL PATHOLOGY ²	2
BADM 155 or CISS 121	INTRODUCTION TO BUSINESS ADMINISTRATION or MICROCOMPUTER APPLICATIONS I	3
PHBT 112	BASIC LABORATORY TECHNIQUES ^{1,2}	4
SOCY 151G	INTRODUCTION TO SOCIOLOGY	3
Hours		12
Spring Semester		
BADM 165 or BADM 255	LEGAL ENVIRONMENT OF BUSINESS or HUMAN RESOURCES MANAGEMENT	3
BADM 251	PRINCIPLES OF MANAGEMENT	3
CMMC 151 or CMMC 165	ORAL COMMUNICATION or INTERPERSONAL COMMUNICATION	3
MTHM 158 or MTHM 168	QUANTITATIVE REASONING or STATISTICS	3
PHBT 121	PHLEBOTOMY CLINICAL PRACTICUM ^{1,2}	3
PEFT Elective		1
Hours		16
Total Hours		65

¹ Indicates that a grade of C (2.0) or better must be earned in order to continue in the sequence.

² Indicates that this course requires a prerequisite.

³ A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 12 or more credit hours.

⁴ If a student has taken BIOG 221 & 222 or BIOG 152, they may substitute those courses for BIOG 115.

⁵ If a student has taken ALHN 110 they may substitute for MDAS 113.

High school graduation required for entry into program. Basic math skills required as evidenced by placement assessment.

A one-year technical certificate will be earned after successfully completing fall and spring semesters of the first year and will be eligible to site for the American Association of Medical Assistants Certifications Exam (CMA credential), or the American Medical Technologist Certification Exam (RMA credential), or the National Healthcareer Association Certification Exam (CCMA credential).

Credit will be awarded following division approval for the MDAS courses identified above to those individuals who have completed a medical assisting program, hold CMA certification through the American Association of Medical Assistants (AAMA), or hold RMA certification through the American Medical Technologists, or hold a CCMA certification through the National Healthcareer Association, and are presently working in an area of medical assisting practice.

Program Contact(s):

Ana Parrilla
440-366-4189
aparrilla@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

More program information can be found on our website.
(<https://www.lorainccc.edu/health/medical-assisting/associate-of-applied-science-in-medical-assisting-clinical-focus/>)

Admission Requirements for Medical Assisting

1. Official high school or GED and college/program transcripts (if applicable) on file in the LCCC Records office.
2. A GPA of 2.0
3. Program application form on file.

Learn more about Allied Health program requirements (<http://catalog.lorainccc.edu/academic-information/allied-health-nursing-admissions/>)

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (<http://www.lorainccc.edu/PLA>)

Program Learning Outcomes

1. Demonstrate proficiency with clinical workflow responsibilities such as patient intake and documentation.

2. Recognize the importance of practicing safely within the Medical Assistant Scope of Practice such as infection control or patient procedures.
3. Comply with legal guidelines and balance ethical issues that may arise.
4. Demonstrate proficiency in office administrative functions such as scheduling appointments or understanding insurance information.
5. Will communicate effectively, identify and respond to issues of confidentiality and treat patients with compassion and empathy.
6. Will value the needs of each patient and their family while recognizing and respecting cultural diversity, beliefs and dignity of humanity, while practicing as a competent entry-level medical assistant.
7. Will maintain current within their field through certification and continuing education, and commit to become a lifelong learner.