

**MEDICAL ASSISTING - AAS****GUIDED PATHWAY: MEDICAL ASSISTANT**

For more information, visit [www.laredo.edu/](http://www.laredo.edu/) and your academic advisor.

**Program Description:** The course sequence listed below is for students interested in pursuing an Associate of Applied Science as a Medical Assistant (AAS). It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an AAS degree as a Medical Assistant. For official degree requirements, visit the [Medical Assistant, Associate of Applied Science \(laredo.edu\)](http://www.laredo.edu/) webpage.

Medical Assistant classes in the AAS degree prepare the student to perform patient-centered assessments, assist in the examination of patients, perform treatments directed by the physician, and perform common laboratory procedures in ambulatory settings, such as physician offices, clinics, and group practices. The Medical Assistant Program (MDCA) offers an Associate of Applied Science (AAS) Degree (D). Students may complete 15 hours of academic courses, receive an Associate of Applied Science degree<sup>1</sup>, and sit for the national certification examination.

Visit the [Advising Center's Transfer Services](#) to view services and resources available for students who complete an AAS degree and the options for transfer. Speak with an academic advisor at your college to choose courses that will help transfer to a specific university.

**COLLEGE READINESS REQUIREMENTS**

Enrolling in one or more courses may be necessary if assessment activities and previous academic experiences indicate a need for additional knowledge and skills:

READING & WRITING PLACEMENT	MATH PLACEMENT	ENGLISH LANGUAGE PROFICIENCY
<b>TSI MET: YES NO</b> <i>IF NO, ADVISOR SELECT COURSE(S) NEEDED</i> <input type="checkbox"/> INRW _____ <input type="checkbox"/> OTHER _____	<b>TSI MET: YES NO</b> <i>IF NO, ADVISOR SELECT COURSE(S) NEEDED</i> <input type="checkbox"/> DEV MATH _____ <input type="checkbox"/> OTHER _____	<b>TSI MET: YES NO</b> <i>IF NO, ADVISOR SELECT REFERRAL TO ED. DEPT.</i> <input type="checkbox"/> ESOL _____ <input type="checkbox"/> OTHER _____

Exemptions/waivers may exist. Speak with an academic advisor regarding placement in college readiness courses and your ability to enroll in core academic coursework.

**SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS<sup>1</sup>**

D	PREREQUISITES	ACTION ITEMS
◆	MDCA 1313 – Medical Terminology	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester.
◆	MDCA 1409 <sup>2</sup> – Anatomy and Physiology for Medical Assistants	<input type="checkbox"/> Completion of BIOL 2301, BIOL 2101, BIOL 2302, and BIOL 2102 will satisfy the MDCA 1409 requirement.  <input type="checkbox"/> Meet with your advisor to discuss submitting an application through the online portal: <a href="https://webportalapp.com/sp/login/laredo-ma">https://webportalapp.com/sp/login/laredo-ma</a>
TOTAL SEMESTER CREDIT HOURS: 7		
D	SEMESTER 1	ACTION ITEMS
◆	MDCA 1310 – Medical Assistant Interpersonal & Communication Skills	<input type="checkbox"/> Submit required documentation (CPR certification, immunizations, background check, etc.) to <a href="mailto:ma@laredo.edu">ma@laredo.edu</a> at the beginning of the semester.  <input type="checkbox"/> Meet with your advisor to file an official degree plan and confirm or update your academic/career path and program of study.
◆	MDCA 1321 – Administrative Procedures	
◆	MDCA 1343 – Medical Insurance	
◆	MDCA 1160 – Clinical I – Medical/Clinical Assistant	
◆	HPRS 1204 – Basic Health Profession Skills	
TOTAL SEMESTER CREDIT HOURS: 12		
D	SEMESTER 2	ACTION ITEMS
◆	MDCA 1302 – Human Disease/Pathophysiology	<input type="checkbox"/> Meet with your advisor to track progress toward completion of the AAS degree.  <input type="checkbox"/> Students continuing with an AAS must be TSIA2 compliant.
◆	MDCA 1305 – Medical Law and Ethics	
◆	MDCA 1417 – Procedures in a Clinical Setting	
◆	MDCA 1161 – Clinical II – Medical/Clinical Assistant	
◆	HPRS 1210 – Introduction to Pharmacology	
TOTAL SEMESTER CREDIT HOURS: 13		
D	SUMMER SESSION I	ACTION ITEMS
◆	MDCA 1162 – Clinical III – Medical/Clinical Assistant	<input type="checkbox"/> Meet with your advisor to track progress towards completion of the program.
TOTAL SEMESTER CREDIT HOURS: 1		
D	SEMESTER 3	ACTION ITEMS
◆	MDCA 1348 – Pharmacology and Administration of Medications	<input type="checkbox"/> Mathematic courses must be selected from the following: MATH 1314, MATH 1316, MATH 1324, MATH 1332, MATH 1342, MATH 2412, MATH 2413
◆	MDCA 1452 – Medical Assistant Laboratory Procedures	
◆	MATH XXXX – Any college math (C)	
◆	COSC 1301 – Introduction to Computing (C)	
TOTAL SEMESTER CREDIT HOURS: 13		
D	SEMESTER 4	ACTION ITEMS
◆	MDCA 1254 – Medical Assisting Credentialing Exam Review	<input type="checkbox"/> ELECTIVE: Courses must be selected from ENGL 2322, ENGL 2323, ENGL 2326, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, ENGL 2351, PHIL 1301, PHIL 2306, ARTS 1301, ARTS 1303, ARTS 1304, DANC 2303, DRAM 1310, MUSI 1306, MUSI 1307, or MUSI 1310. <input type="checkbox"/> Meet with your advisor to register for the national certification exam, review the completion of the degree plan, and apply for graduation. <input type="checkbox"/> Meet with a career advisor for assistance in preparing for a job search.
◆	MDCA 1361 – Clinical IV – Medical/Clinical Assistant	
◆	ELECTIVE – Language, Philosophy, & Culture/Creative Arts (C)	
◆	PSYC 2314 – Lifespan, Growth and, Development (C)	
◆	ENGL 1301 – Composition I (C)	
TOTAL SEMESTER CREDIT HOURS: 14		
AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS/PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS		

<sup>1</sup>. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Laredo College awarding the degree.

<sup>2</sup>. (C) This course counts for the Core Curriculum at any public college or university in Texas.

## Certification and Licensure Information

The Medical Assistant program requires that the student sit for the American Medical Certification Association (AMCA) exam in order to achieve the Clinical Medical Assistant Certification (CMAC) at the end of the fourth semester (AAS only).

Exams are administered on campus as Laredo College is designated as a testing site for AMCA. Testing is held at the Lerma Pena Building in Room 227. Exams are proctored by the testing center personnel. Questions regarding eligibility for certification as a Medical Assistant should be directed to the American Medical Certification Association at [AMCA@AMCAexams.com](mailto:AMCA@AMCAexams.com)

## Career Information

### Common Job Titles: Certified Medical Assistant (CMA)

#### Regional Labor Market Information

According to the United States Bureau of Labor Statistics, employment of medical assistants is projected to grow 23 percent from 2018 to 2028. The growth of the aging baby-boom population will continue to increase demand for preventive medical services, which are often provided by physicians. As a result, physicians will hire more assistants to perform routine administrative and clinical duties, allowing the physicians to see more patients.

Medical assistants typically do the following:

- Record patient history and personal information
- Measure vital signs, such as blood pressure
- Help physicians with patient examinations
- Give patients injections or medications as directed by physicians and as permitted by state law
- Schedule patient appointments
- Prepare blood samples for laboratory tests
- Perform Electrocardiography
- Enter patient information into medical records

Source: <https://www.bls.gov/ooh/healthcare/medical-assistants.htm>

#### Career and labor market research tools

[O\\*Net Online – Summary report for Medical Assistants](#)

**Career Resources:** The Laredo College [Advising Center's](#) website provides information on career exploration and employment. The Center is dedicated to creating professional leaders in our community by offering services such as soft skill development, workplace readiness, job opportunities, internships, and much more. For more information, visit their [website](#). Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an LC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

## Transfer Information

The Associate of Applied Science in Medical Assistant prepares students to directly enter the workforce with the necessary skills and credentials. However, students graduating with a Level I have higher education opportunities.

**Transfer Guides:** The universities listed here do not constitute a Laredo College endorsement. Transfer course evaluations and determination of which courses will count toward a Bachelor's degree are made by the receiving transfer institution.

**Laredo College: Bachelor of Organizational Leadership – Medical Assisting** Source: <https://www.laredo.edu/Academic-Career-Pathways/information-technology-business-personal-services/bas-orgl.html>

**Texas A&M International University: Bachelor of Applied Arts and Sciences (BAAS)** Source: [Bachelor of Applied Arts and Sciences \(BAAS\) < Texas A&M International University \(tamiu.edu\)](#)

**South Texas College: Bachelor of Applied Technology in Medical and Health Services Management** Source: [Medical and Health Services Management | South Texas College](#)

**Texas Tech University – Health Sciences Center: Bachelor of Science in Healthcare Management** Source: [Bachelor of Science in Healthcare Management | Texas Tech University Health Sciences Center \(ttuhsc.edu\)](#)

**Additional Transfer Resources:** Laredo College transfer website provides information on additional colleges & universities through the [Advising Center's Transfer Services](#) department. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at LC will apply toward their associate or bachelor's degree program.

Laredo College adheres to the Non-Discrimination Notice outlined on the LC website. <https://www.laredo.edu/about/Legal%20Disclosures/Non-Discrimination-Index/index.html>