

Program Information and Admission Requirements

• **Fall 2024** •

Dental Laboratory Technology (DLTC & DLT) *Certificate & Associate in Science*

Application Deadline

Priority consideration is given to applications, including all requirements, received by May 1. Applications received after the deadline date will be considered on a space available basis.

Special Note Regarding Residency

Non-Massachusetts residents will be admitted on a space available basis only

Program Description

The Dental Laboratory Technology program offers a curriculum composed of didactic and laboratory experience. Courses include content in dental materials, oral anatomy, occlusion, history and ethics in dental laboratory technology, as well as the study of infectious diseases. The extensive laboratory component covers all phases of dental technology: partial dentures, complete dentures, crown and bridge, ceramics, and implants. As a result of this experience, students acquire skills in various manufacturing methods for model making, waxing patterns, casting, pressing, digital scanning, digital designing, ceramic application and implant technology, as they pertain to all the major areas of dental technology. The dental laboratory technology program prepares graduates to assume a professional role in the dental health delivery system and perform laboratory techniques and procedures in dental laboratories or dental offices. The Dental Laboratory Technology Associate in Science degree program is accredited by the Commission on Dental Accreditation of the American Dental Association.

Graduates from the Dental Laboratory Technology will find career opportunities in dental laboratories, research facilities, dental schools and dental offices throughout New England. With a certificate in Dental Laboratory Technology, the student may continue into the Dental Laboratory Technology degree program, where the general education credits will transfer to other colleges. Graduates can also choose to go into business of their own.

All dental lab classes are held in a hybrid format. Lectures and theory are completed online and lab work is completed on Middlesex Community College's Lowell Campus in the Dental Lab, located in the Health, Science, and Technology Center.

Admission Information

The availability of appropriate field experience sites, an integral component of the program, requires us to limit admission. The admission committee will review applications in their entirety. Academic history will also be considered and students are required to have a minimum cumulative 2.0 GPA for the associate in science. Non-Massachusetts residents will be admitted on a space available basis only. To be successful in this program, students are encouraged to complete the science and math requirements prior to enrollment in the program or during their first semester. Students may want to consider limiting their work hours to spend more time to focus on their coursework. Students find it helpful to visit commercial dental labs, while in the program, to observe how the theory they are learning is put into practice.

Admission Requirements Checklist

The following are the admissions requirements needed for program qualification for the Certificate program:

- Eligible for **ENG 092 or higher** and **Module 5 in Preparation for College Math** (Algebra I level) or higher; eligibility may be demonstrated through placement, course enrollment, previous college coursework, or high school transcripts.
- Completion of high school OR college **Chemistry** with lab
- Cumulative **2.0 GPA** or higher

The following are the admissions requirements needed for program qualification for the Associate program:

- Eligible for **ENG 101 English Composition I** and **MAT 177 Statistics**; eligibility may be demonstrated through placement, course enrollment, previous college coursework, or high school transcripts.
- Cumulative **2.0 GPA** or higher

Submitting a Complete Application

Applicants are encouraged to apply as soon as they have met all requirements.

- Submitted official college or high school transcripts (required from all colleges attended, except Middlesex Community College). Official transcripts can be sent to Registrar@middlesex.mass.edu or

Middlesex Community College
Enrollment Management Center
33 Kearney Square
Lowell, MA 01852



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Accredited by the commission on accreditation of allied health education programs (CAAHEP), American Medical Association

Curriculum

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Dental Laboratory Technology Certificate Curriculum		
Course #	Course Title	Credits
DLT 110	Introduction to DLT	4
DLT 120	Dental Anatomy and Occlusion	4
DLT 130	Removable Dental Prosthetics I	5
DLT 140	Fixed Dental Prosthetics I	5
DLT 210	Removable Dental Prosthetics II	5
DLT 220	Fixed Dental Prosthetics II	5
Total credits		28

Dental Laboratory Technology Associate in Science Curriculum		
<i>These courses are in addition to the courses listed in the Dental Laboratory Technology Certificate Program</i>		
Course #	Course Title	Credits
DLT 110	Introduction to DLT*	4
DLT 120	Dental Anatomy and Occlusion*	4
DLT 130	Removable Dental Prosthetics I*	5
DLT 140	Fixed Dental Prosthetics I*	5
DLT 210	Removable Dental Prosthetics II*	5
DLT 220	Fixed Dental Prosthetics II*	5
DLT 230	Orthodontic Devices	4
DLT 240	DLT Specialty Practicum	6
BUS 110	Introduction to Business	3
ENG 101	English Composition I	3
ENG 102	English Composition II	3
ETH 102	Business Ethics	3
BUS 213	Business Communications	3
_____	Math Elective (college level)	3
BIO 105	Basic Anatomy & Physiology	3
CHE 121	Introduction to Chemistry	4
PSY 101	Introduction to Psychology	3
_____	Social Science elective	3
OR		
IDS 101	General Education Seminar: First-Year Experience	1
_____	Two Additional IDS Electives	2
Total credits		69

Program Coordinator: Apollon Bouzerdan CDT, A.S. Middlesex Community College, B.A Saint John's Seminary College.

**Students who successfully complete these courses in the certificate program will not have to retake them when enrolling in the associate in science degree program.*

Please refer to the Middlesex Community College Academic Catalog (<http://catalog.middlesex.mass.edu/>) for Dental Lab Tech course sequencing, prerequisite and corequisite information.

Middlesex Community College is an affirmative action/equal opportunity employer and does not discriminate on the basis of race, color, national origin, sex, disability, religion, age, veteran status, genetic information, gender identity or sexual orientation in its programs and activities as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and college policies. The College prohibits sexual harassment, including sexual violence. Inquiries or complaints concerning discrimination, harassment, retaliation or sexual violence shall be referred to the College's Affirmative Action and/or Title IX Coordinator, the Massachusetts Commission Against Discrimination, the Equal Employment Opportunities Commission or the United States Department of Education's Office for Civil Rights.