



MIDDLESEX
Community College

Dental Laboratory Technology *Certificate and Associate in Science*

Fall 2019

Program Information and Admission Requirements

*Associate in Science Accredited by
the Commission on Dental Accreditation of the American Dental Association*

Application Deadline: Priority consideration is given to applications, including all requirements, received by May 1, 2019. 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.

Career and Transfer Outlook

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

Standard Skills for Dental Laboratory Technology

The following is a list of standard and/or technical skills required for performing duties in the field. These skills are not conditions for admission to the program, but do indicate abilities and characteristics necessary for successful completion of the Dental Laboratory Technology program, and to perform the duties of the career upon graduation.

- Use small hand tools with precision and accuracy.
- Remain at a laboratory station for potentially long periods of time while completing procedures, e.g., typical shift of eight hours.
- Differentiate among the shapes and colors used in dental materials.
- Working Conditions: Contact with plaster, metal, acrylic dust and other materials that may exacerbate allergies.

Getting Started

Review and follow the Admission Requirements Certification form to ensure that you have met the admission criteria listed below:

- Admission criteria for the Dental Laboratory Technology Certificate is eligibility for ENG 088, or ENG 089, or ENG 092 and Module 5 in Preparation for College Math and completion of high school or college chemistry. Eligibility may be demonstrated through placement, current enrollment, or previous college coursework. Applicants who have graduated from high school in the last 3 years with an overall GPA of 2.7 or higher should provide an official transcript for evaluation regarding English and math requirements.
- Admission criteria for Dental Laboratory Technology Associate in Science is eligibility for ENG 101 and placement above or completion of MAT 080 with a C or better or completion of math module 12, 73, or 82 in MAT 001-002-003 (Preparation for College Math). Eligibility may be demonstrated through placement, current enrollment, or previous college coursework. Applicants who have graduated from high school in the last 3 years with an overall GPA of 2.7 or higher should provide an official transcript for evaluation regarding English and math requirements.

Submitting a Complete Application

If you meet the admission requirements, the following forms must be submitted by the priority application deadline of May 1, 2019. Applications may be submitted after the deadline and will be considered on a space available basis.

- A signed Admission Requirements Certification Form
- A completed Middlesex Community College Application
- Official High School Transcript (required only for documentation of required prerequisite courses)
- Official College Transcripts (required from all colleges attended, except Middlesex Community College)

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.

Requirements After Admission to Dental Laboratory Technology Associate in Science Program

- Science courses must be taken within 5 years of entrance to the program to be accepted for credit toward the degree.
- Students enrolled in the program must demonstrate a satisfactory level of performance in laboratory settings in order to remain in the program. See the Academic Catalog for additional information.
- Students must receive a “C” or better in all courses within the area of specialization to remain in the program.

Services Available to Middlesex Community College Students

Advising is available in our Academic Planning Centers. Academic advising is a valuable service, since all applicants are responsible for fulfilling the precise requirements of the program in order to be considered for admission. Advising appointments made be made by calling 1-800-818-3434.

Students are encouraged to apply for Financial Aid to help meet the expenses of attending college. The Financial Aid office packages awards for each student, based upon the student’s eligibility and financial need, fund restrictions and fund availability. General information is available at the Student Information Centers, or by calling the Financial Aid Offices in Bedford 781-280-3650 or Lowell 978-656-3242.

Dental Laboratory Technology Certificate Curriculum

Course Title	Course Number	Credits	Prerequisites
Introduction to DLT	DLT 110	4	
Dental Anatomy and Occlusion	DLT 120	4	
Removable Dental Prosthetics I	DLT 130	5	DLT 110 & DLT 120
Fixed Dental Prosthetics I	DLT 140	5	DLT 110 & DLT 120
Removable Dental Prosthetics II	DLT 210	5	DLT 130
Fixed Dental Prosthetics II	DLT 220	5	DLT 140
Total credits		28	

Dental Laboratory Technology Associate in Science Curriculum

Course Title	Course Number	Credits	Prerequisites
These courses are in addition to the courses listed in the Dental Laboratory Technology Certificate Program			
Introduction to DLT*	DLT 110	4	
Dental Anatomy and Occlusion*	DLT 120	4	
Removable Dental Prosthetics I*	DLT 130	5	DLT 110 & DLT 120
Fixed Dental Prosthetics I*	DLT 140	5	DLT 110 & DLT 120
Removable Dental Prosthetics II*	DLT 210	5	DLT 130
Fixed Dental Prosthetics II*	DLT 220	5	DLT 140
Orthodontic Devices	DLT 230	4	DLT 210
DLT Specialty Practicum	DLT 240	6	DLT 210 & DLT 220
Introduction to Business	BUS 110	3	Eligible for ENG 099
English Composition I	ENG 101	3	Completion with a grade of B or better in ENG 088, ENG 089, ENG 092, or ENG 093; or placement by exam.
English Composition II	ENG 102	3	C- in ENG 101
Business Ethics	ETH 102	3	Eligible for ENG 099.
Business Communications	BUS 213	3	Completion of ENG 101
Math Elective (college level)	_____	3	
Basic Anatomy & Physiology	BIO 105	3	Eligible for ENG 099
Introduction to Chemistry	CHE 121	4	Eligible for ENG 101; and eligible for MAT 080, Math Module 70 or 80.
Introduction to Psychology	PSY 101	3	Eligible for ENG 101
Social Science elective	_____	3	
OR			
General Education Seminar: First-Year Experience	IDS 101	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.

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.