



DENTAL LABORATORY TECHNOLOGY • Associate in Science

ACCREDITED BY THE COMMISSION ON DENTAL ACCREDITATION OF THE AMERICAN DENTAL ASSOCIATION/LOWELL CAMPUS - DAY, STARTS FALL SEMESTER ONLY

✓	COURSE #	COURSE TITLE	CREDITS	PREREQUISITES
_____	DLT 101	Removable Partial Denture Prosthodontics	6	
_____	DLT 102	Complete Denture Prosthodontics	6	DLT 101
_____	DLT 103	Dental Materials	2	
_____	DLT 104	Dental Anatomy	2	
_____	DLT 201	Fixed Prosthodontics	6	DLT 102
_____	DLT 202	Dental Ceramics	6	DLT 201
_____	DLT 203	Occlusion	4	DLT 101
_____	DLT 204	Issues in Dental Laboratory Technology	1	DLT 201
_____	DLT 205	Advanced Techniques	4	DLT 201
_____	DLT 206	Field Experience	1	
_____	BUS _____	Business Elective	3	
_____	ENG 101	English Composition I	3	C- in ENG 071 or eligible for ENG 101 and placement above or successful completion of ENG 060
_____	ENG 102	English Composition II: An Introduction to Literature	3	ENG 101
_____	_____	General Education Elective**	3	
_____	COM 103	Speech	3	
_____	MAT _____	Mathematics Elective*	3	
_____	BIO 105	Basic Anatomy and Physiology	3	ENG 060 or higher placement
_____	CHE 121	Introductory to Chemistry	4	MAT 070, ENG 071 or placement above or successful completion of ENG 060
_____	_____	Behavioral Science elective	3	
_____	_____	Social Science elective	<u>3</u>	
			69	

*Must be above MAT 070

**If math, must be above MAT 070

Special Requirements for Dental Laboratory Technology: Students must receive a C or better in all courses within the area of specialization to remain in the program. Additional coursework may be required based on college placement testing. Students are urged to meet with their academic advisor for proper course sequencing. Science courses being applied to this program must have been completed within five years of entering the program.

Students enrolled in the Dental Laboratory Technology program must demonstrate a satisfactory level of performance in clinical settings in order to remain in the program. See page 169 for additional information.

Program Description:

The Dental Laboratory Technology Associate in Science degree program offers a curriculum composed of didactic, internship and laboratory experience, with courses in dental materials, oral anatomy, occlusion and issues in dental laboratory technology, as well as study of infectious diseases. The extensive laboratory component, which requires 1,000 hours, covers all phases of dental technology: partial dentures, complete dentures, crown and bridge, ceramics and orthodontics. As a result of this experience, students acquire skills in waxing, gypsum, design, fit and finish, as they pertain to all the major areas of dental technology. The program trains technicians in the category of generalist as defined by the Commission on Dental Accreditation to maintain approval status granted by the Commission. The general education aspect of the curriculum includes content in communications skills, mathematics, chemistry, physics, business principles and computers.

Career and Transfer Outlook:

Students find career opportunities in dental laboratories, dental schools and dental offices throughout New England. Most general education credits transfer to other colleges.

Helpful Hints:

To be successful in this program, students should be able to work with small hand tools on various dental materials with precision and accuracy.

Program Outcomes:

Graduates of the Dental Laboratory Technology program are prepared to:

- Demonstrate competence in the fabrications of removable and fixed prostheses;
- Perform all related procedures at a commercial level;
- Practice within the legal and ethical framework of the profession;
- Use appropriate oral and written communication in all professional interactions.

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Requirements After Admission

- Submit the Student Health Record form, provided by Middlesex Community College, to the Health Service Office. Required documentation of health status includes a completed physical examination, proof of immunization against measles, mumps, rubella, tetanus-diphtheria and Hepatitis B (three-dose vaccine series). Documentation of immune titer for varicella is also required.

Standard/Technical Skills Notice:

To view a list of standard and/or technical skills required for performing duties in various health career fields, visit the Middlesex Community College Health Division website (www.middlesex.mass.edu) or the Student Information Centers. These skills are not conditions for admission to MCC programs, but do indicate abilities and characteristics necessary for successful completion of college Health programs, and to perform the duties of the career upon graduation.

DENTAL LABORATORY TECHNOLOGY • Associate in Science (cont.)

Admission to Dental Laboratory Technology

Recommended Course Prerequisites

- High school or college Algebra I and chemistry

Required Testing

- Current scores on the college placement test of ENG 101, MAT 070 and a reading score of 68. Testing must be completed before admission and within one year of the application deadline.

Required Documents

- Admission Application
- Dental Laboratory Technology Requirement Certification Form

Admission Notes

- Preference may be given to Massachusetts residents.
- Currently enrolled MCC students applying to Dental Laboratory Technology are required to have a cumulative 2.0 GPA.

Deadline

- Recommended deadline for application and all other requirements is March 1. Applications may be submitted after this date and will be considered on a space-available basis.