

BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

**Dental Laboratory Technology
Associate in Applied Science**

Academic Plan Code – 5106037019

This program prepares individuals to fabricate dental prosthetic appliances that replace or repair natural teeth to help patients eat, chew, talk, and smile as well as, or better than, they did before. Dental technicians work collaboratively with dentists by following a written work authorization that details the type of prosthesis needed. Dental technicians do not have direct contact with the patient but instead use stone models made from impressions of the patient's teeth and surrounding soft tissues.

The curriculum includes courses in general education and in dental laboratory technology as required by the Commission on Dental Accreditation. The curriculum includes lectures and extensive laboratory experiences to enhance the students' learning.

The dental laboratory technician has many employment options including commercial dental laboratories, dental offices that have their own laboratories, dental sales and manufacturing firms. Graduates may also choose to own a laboratory, state laws permitting, or seek a teaching position at a dental technology education program.

Dental Laboratory Technology students completing the first year of the curriculum will earn a Certificate in Dental Laboratory Technology which prepares students for employment as entry-level dental technicians.

Dental Laboratory Technology students completing two years of the curriculum will earn an Associate Degree in Applied Science which will prepare graduates for employment as technicians and graduates are eligible to take the National Board for Certification Recognized Graduate Examination and the Certified Dental Technician exam.

Applicants are accepted into the Program each fall according to the Guidelines for Admission to the Dental Laboratory Technology Program. This is a selective admissions process with approximately twenty students accepted each year. Students must maintain technical standards and a minimum GPA of at least a 2.0 (on a 4.0 scale) in the curriculum in order to progress from one semester to the next.

The Dental Laboratory Technology program is accredited by the Commission on Dental Accreditation of the American Dental Association.

For more information, visit the Dental Laboratory Technology program Web site at www.bluegrass.kctcs.edu/ah/dlt

ENG 102	Writing II	3
	Social Interaction Course	3
	Heritage/Humanities/Foreign Language Course	3
	Oral Communication Course	3
	Mathematics Course	3
	Science Course	3
	Computer Literacy Course	0-3
	Subtotal Credit Hours	21-24
Technical Core or Support Courses		
DLT 101	Dental Morphology	2
DLT 111	Dental Materials I	2
DLT 121	Complete Dentures I	2
DLT 131	Removable Partial Dentures I	2
DLT 151	Fixed Prosthodontics I	2
DLT 112	Dental Materials II	2
DLT 122	Complete Dentures II	2
DLT 132	Removable Partial Dentures II	2
DLT 142	Occlusion	2
DLT 152	Fixed Prosthodontics II	2
DLT 261	Applied Lab Techniques	8
DLT 281	Orthodontic Lab Techniques	2
DLT 262	Advanced Specialty Laboratory Techniques	8
DLT 291	Dental Laboratory Management, History and Ethics	2
	Subtotal Credit Hours	40
	Total Credit Hours	61-64

**Dental Laboratory
Certificate**

Academic Plan Code -

Course Number	Course Title	Credit Hours
General Education Core		
ENG101	Writing I	3
	Science Course	3
Technical Core or Support Courses		
DLT 101	Dental Morphology	2
DLT 111	Dental Materials I	2
DLT 112	Dental Materials II	2
DLT 121	Complete Dentures I	2
DLT 122	Complete Dentures II	2
DLT 131	Removable Partial Dentures I	2
DLT 132	Removable Partial Dentures II	2
DLT 142	Occlusion	2
DLT 151	Fixed Prosthodontics I	2
DLT 152	Fixed Prosthodontics II	2
	Total Credit Hours	26

Course Number	Course Title	Credit Hours
General Education Core		
ENG 101	Writing I	3

(Courses are listed by category and not necessarily in the order to be taken)