

Dental Laboratory Technology

Associate of Applied Science

Purpose: The major in Dental Laboratory Technology begins each fall semester and is designed to prepare students for employment as dental laboratory technicians to provide an essential support service for the dental professional according to the dentist's prescription or work request. The dental laboratory technician constructs and repairs all types of dental prosthetic appliances.

Occupational Objectives: Employment opportunities exist in commercial dental laboratories, hospital dental laboratories, private dental offices, dental research laboratories, and as dental sales representatives.

Admission Requirements: General college curricular admission

Financial Requirements: In addition to the regular college tuition and fees, the Dental Laboratory Technology program requires the following:

Books and Instruments	\$400 per academic year
Books and Instruments	\$160 summer session

Program Notes: Students admitted into this program will be approved for entry into major/clinical courses (DNL 120 and higher) when they have satisfied the following requirements:

1. Completion of one unit of high school mathematics with a grade of "C" or better, or its equivalent (JSRCC MTH 2).
2. Completion of all JSRCC developmental coursework prescribed as a result of JSRCC placement tests.
3. All applicants to the Dental Laboratory Technology AAS degree program must declare their curriculum plan as the Pre-Nursing and Allied Health Career Studies Certificate only if they wish to enroll prior to fall semester. (Please see http://www.jsr.vccs.edu/curriculum/programs/Pre-Nursing_AlliedHealthCSC.htm). In order to be officially accepted into the Dental Laboratory Technology program, applicants will need to meet with the program head to review their records. Career Studies Certificate courses do not have to be completed in order to enroll in the program for fall semester.
4. Interview with the program head and permission to enter major/clinical courses. The interview will include evaluation of appropriate related experience and may include a manual dexterity test. Students must provide evidence of interest,

aptitude, and motivation in dental laboratory technology. Call (804)523-5931 for an appointment.

Any student whose final grade is below a "C" in any dental laboratory course must obtain permission from the program head to continue the major in Dental Laboratory Technology. DNL courses are sequential unless otherwise determined by the program head.

Progression through the Program: The college offers this program in affiliation with the healthcare agencies and practitioners in the communities the college serves. The college relies on its community affiliates to provide clinical educational opportunities for its students, expert clinical preceptors, and course instructors for many courses. The often rapid changes in healthcare law, standards of practice, technology, and content of credentialing examinations increasingly necessitate sudden changes in the program's course content, policies, procedures, and course scheduling. As a result, the college cannot guarantee every student continuous and uninterrupted clinical and course instruction as outlined in the printed catalog curriculum for this program. Circumstances beyond the control of the college may necessitate the postponement of course offerings or changes in the sequencing and/or location of schedules courses or clinical assignments. Additionally, the college may have to change the instructor for courses after instruction has started.

Computer Competency Requirement: All applicants to this program must take the computer competency exam, administered in the testing centers on each campus, prior to enrollment in their first semester of courses. Those students not passing this exam after a maximum of two attempts will be required to complete ITE 115 or CSC 155 or equivalent prior to or concurrently with DNL 175. (See program advisor.)

Program Accreditation: The program in Dental Laboratory Technology is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of "approval without reporting requirements." The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312)440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
DNL 100	Professional Ethics and Dental History	2	0	2
DNL 110	Dental Laboratory Materials	2	3	3
DNL 120	Dental Anatomy and Physiology	2	3	3
DNL 130	Introduction to Complete Dentures	3	9	6
*SDV 100	College Success Skills	1	0	1
TOTAL		10	15	15

DNL 135	Introduction to Removable Partial Dentures	3	9	6
DNL 136	Principles of Occlusion	2	3	3
*NAS 105	Natural Science Topics for Modern Society	2	0	2
*MTH 120	Introduction to Mathematics	3	0	3
*ENG 111	College Composition I	3	0	3
TOTAL		13	12	17
DNL 137	Orthodontic and Pedodontic Appliances	2	3	3
DNL 138	Introduction to Fixed Prosthodontics	3	9	6
DNL 160	Removable Prosthodontic Techniques	2	3	3
* ____ ¹	Personal Wellness Elective	0-2	0-4	2
TOTAL		7-9	15-19	14
DNL 175 ²	Dental Laboratory Management	2	0	2
DNL 220	Introduction to Dental Ceramics	3	9	6
*PSY 120 or *PSY 201	Human Relations or Introduction to Psychology I	3	0	3
*ENG 112	College Composition II	3	0	3
TOTAL		11	9	14
DNL 216 ³	Dental Laboratory Practicum	1	15	6
DNL 231	Advanced Dental Laboratory Techniques I	2	0	2
DNL 298	Seminar and Project	1-2	0	1-2
* ____ ¹	Humanities/Fine Arts Elective	3	0	3
TOTAL		7-8	15	12-13
Total Minimum Credits for AAS Degree in Dental Laboratory Technology				72

*This course is included in the Pre-Nursing and Allied Health Career Studies Certificate.

¹A list of approved general education electives (humanities/fine arts, social/behavioral sciences, mathematics, science, and wellness) is provided in the General Education section of the catalog under Curriculum Planning and Design.

²Students must pass the computer competency test or complete either ITE 115 or CSC 155 or equivalent prior to or concurrently with DNL 175.

³Students may choose one or two areas of concentration from the following specialties: complete dentures, partial dentures, crown and bridge, dental ceramics and orthodontics.