

**INFORMATIONAL REPORT ON DENTAL LABORATORY TECHNOLOGY
PROGRAMS ANNUAL SURVEY CURRICULUM DATA**

Background: At its Winter 2015 meeting, the Commission directed that each Review Committee review a draft of its discipline-specific Annual Survey Curriculum Data during the Winter meeting in the year the Survey will be distributed. The Commission further directed that each Review Committee review aggregate data of its discipline-specific Annual Survey Curriculum Section, as an informational report, when the materials are available following data collection and analysis. The Commission noted that all survey data is considered confidential at the programmatic level.

The Curriculum Section of the Commission's Annual Survey is conducted for dental laboratory technology education in alternate years. The most recent Curriculum Section was conducted in September/October 2021. Aggregate data of the most recent Curriculum Section for review by the Review Committee on Dental Laboratory Technology Education is provided as an informational report in **Appendix 1**.

Summary: The Review Committee on Dental Laboratory Technology Education is requested to review the informational report on aggregate data of its discipline-specific Annual Survey Curriculum Section (**Appendix 1**).

Recommendation: This report is informational in nature and no action is requested.

Q51. Clock hours for all DLT content areas

Didactic instruction clock hours

	Mean	Max	Min	Count
a. Communication skills	43.8	100	1	13
b. Mathematics	27.1	75	1	13
c. Business principles	21.0	48	4	13
d. Chemistry	22.8	48	1	12
e. Physics	7.9	15	2	12
f. Dental materials	29.4	60	5	13
g. Tooth morphology	31.9	76	7	13
h. Oral anatomy	21.9	45	3	13
i. Occlusion	27.4	54	7	13
j. Legal, ethical, and historical aspects of dentistry and dental laboratory technology	15.7	36	2	13
k. Bloodborne infectious diseases	6.9	20	2	13
l. Hazard control	5.2	11	2	13
m. General laboratory techniques	21.9	65	2	12
n. Complete denture prosthodontics	41.5	108	16	13
o. Removable partial denture prosthodontics	35.4	72	16	13
p. Fixed prosthodontics (crown and bridge)	42.1	90	16	13
q. Dental ceramics	32.0	72	7	13
r. Orthodontic appliances	22.0	40	5	13
s. Practical experience	42.3	139	2	6
t-w. Other (see page 2)	133.3	153	3	8

Laboratory instruction clock hours

	Mean	Max	Min	Count
a. Communication skills	1.0	1	1	1
b. Mathematics	3.0	5	1	2
c. Business principles	10.0	10	10	1
d. Chemistry	20.6	48	2	9
e. Physics	10.2	20	2	5
f. Dental materials	44.1	96	5	10
g. Tooth morphology	68.1	111	15	11
h. Oral anatomy	40.9	108	3	7
i. Occlusion	61.0	156	10	13
j. Legal, ethical, and historical aspects of dentistry and dental laboratory technology	54.0	54	54	1
k. Bloodborne infectious diseases	5.8	21	1	8
l. Hazard control	3.4	6	1	8
m. General laboratory techniques	40.4	105	5	12
n. Complete denture prosthodontics	184.5	295	75	13
o. Removable partial denture prosthodontics	170.1	376	75	13
p. Fixed prosthodontics (crown and bridge)	201.5	340	75	13
q. Dental ceramics	151.3	324	54	13
r. Orthodontic appliances	81.5	144	38	13

s. Practical experience	296.4	974	90	11
t-w. Other (see page 2)	280.8	1344	5	9

Q51. Please complete the following chart for all other content areas required in the accredited dental laboratory technology program.

t - x. Other, please specify - Text

All Ceramics
Basic A & P
Behavioral Sc.
Business Ethics
CAD/CAM
Dental Appliances
Dental Implantology
Dental Implants
Digital Dental
Implant Prosthodontics
Semester II
Semester III
Semester IV
Social Science

Question 51 comments

51. Faculty/student ratios are dependent upon if one, two, or three services are participating in certain content areas. (Example: If didactic faculty/student ratio is 1:7 ([student type] only); 1:14 ([2 student types]); 1:20 ([3 student types]) all participate. 51f. Dental materials is taught throughout various content areas for both didactic and laboratory clock hours. 51i. Occlusion is taught throughout various content areas for both didactic and laboratory clock hours.

Q52. Clock hours for advanced dentistry content areas

Didactic instruction clock hours	Mean	Max	Min	Count
a. Complete denture prosthodontics	32.8	72	5	11
b. Removable partial denture prosthodontics	29.7	64	5	10
c. Fixed prosthodontics (crown and bridge)	27.4	72	4	12
d. Dental ceramics	29.6	72	5	13
e. Orthodontic appliances	18.9	48	1	10

Laboratory instruction clock hours	Mean	Max	Min	Count
a. Complete denture prosthodontics	131.5	295	20	12
b. Removable partial denture prosthodontics	131.2	376	19	11
c. Fixed prosthodontics (crown and bridge)	135.2	340	15	13
d. Dental ceramics	127.0	324	32	13
e. Orthodontic appliances	86.4	215	20	10

Question 52 comments

52a.- 52e. [Sponsoring institution] students continue [redacted comment] [Sponsoring institution] to enhance skill set and proficiency.

Depending on the student's academic track, they will select up to 3 specialty areas to focus on for 7 weeks. Each specialty area requires a minimum of 98 hours of laboratory time to be completed in 7 weeks.

Implants = 18/Didactic 54/Laboratory

Low numbers of students opt for optional denture courses one advanced course did not run last year because of low enrollment. Students are opting more for implants and ceramics.