REPORT OF THE REVIEW COMMITTEE ON DENTAL LABORATORY TECHNOLOGY EDUCATION TO THE COMMISSION ON DENTAL ACCREDITATION

Committee Chair: Ms. Lonni Thompson. Committee Members: Ms. LaShun James, Ms. Sandra Kotowske, and Dr. Arpana Verma. Guests (Open Session Only): Mr. Bennett Napier, executive director, National Association of Dental Laboratories (NADL), and Ms. Rebecca Stolberg, vice president, Allied Dental Education and Faculty Development, American Dental Education Association (ADEA), attended the policy portion of the meeting. Staff Members: Ms. Jamie Asher Hernandez, manager, Allied Dental Education, Ms. Katie Navickas, manager, Allied Dental Education, and Mr. Daniel Sloyan, senior project assistant, Allied Dental Education, Commission on Dental Accreditation (CODA). Ms. Peggy Soeldner, manager, Advanced Dental Education, CODA, attended a portion of the meeting. The meeting of the Review Committee on Dental Laboratory Technology Education (DLT RC) was held on January 9, 2023 via a virtual meeting.

CONSIDERATION OF MATTERS RELATED TO DENTAL LABORATORY TECHNOLOGY EDUCATION

Report on Dental Laboratory Technology Programs Annual Survey Curriculum Section (p. 500): The Dental Laboratory Technology Review Committee (DLT RC) noted that the Annual Survey Curriculum Section is reviewed during the Winter Review Committee meeting in the year the survey will be distributed, which will next occur in August 2023. At this meeting, the DLT RC considered its discipline-specific Annual Survey Curriculum Section (**Appendix 1, Policy Report p. 500**). Following discussion and consideration, the DLT RC determined that the Annual Survey Curriculum Section should be revised in the areas of Questions #51 and #52 to better align with the current Accreditation Standards for Dental Laboratory Technology Education Programs for use in August 2023.

> **Recommendation:** It is recommended that the Commission on Dental Accreditation direct the proposed revised Dental Laboratory Technology Annual Survey Curriculum Section **(Appendix 1)** be adopted for use in August 2023.

CONSIDERATION OF MATTERS RELATING TO MORE THAN ONE REVIEW COMMITTEE

Matters related to more than one review committee are included in a separate report.

CONSIDERATION OF SITE VISITOR APPOINTMENTS TO THE COMMISSION ON DENTAL ACCREDITATION IN THE AREA OF DENTAL LABORATORY TECHNOLGOY EDUCATION

The Review Committee on Dental Laboratory Technology considered site visitor appointments for 2023-2024. The Committee's recommendations on the appointments of individuals are included in a separate report.

CONSIDERATION OF MATTERS RELATED TO ACCREDITATION STATUS

Matters related to accreditation status of programs are included in a separate report.

Respectfully submitted,

Ms. Lonni Thompson
Chair, Review Committee on Dental Laboratory Technology Education

Proposed Revisions to Dental Laboratory Technology Annual Survey Curriculum Section

Additions are underlined; Deletions are ~~stricken~~

Curriculum Information

This section is confidential. Any report produced from this section will not identify individual programs. However, some data will be included in the program profile for the site visit materials used by the Commission on Dental Accreditation.

The curriculum section of the survey is designed to describe the required program in each school/institution in terms of clock hours of instruction by major teaching areas. The methodology for this study was adapted from the "Dental Education in the United States 1976" study. This study relied on clock hours as the best indicator of the scope of curricula and found that the data on instructional hours made possible general comparisons of overall program length, the breadth of curriculum content, and the degree(s) of emphasis.

Since no single reporting format could satisfy all of the reporting requirements of all programs, the validity of the information reported in this survey will have to rely on careful judgments made at individual institutions. Curricula that contain significant amounts of self-paced instruction, optional summer sessions and early graduation options are difficult to report in terms of clock hours. Nevertheless, report a typical or common number of hours rather than a range.

Clock hour of instruction:
Please quantify the amount of instruction provided in each content area for the accredited program. A clock hour is considered one hour of formal instruction devoted to a subject area. It must be clearly distinguished from

a semester or quarter hour. For example, if a semester is 15 weeks long, one semester hour would equal 15 clock hours.

When one subject or topic is covered in more than one course, report the total instructional time. If multiple content areas are included in a single course, divide the hours for the course into appropriate allocations for each topic area.

Retain a copy of this form for your files. The next time this information is collected (2023-24), focus on any changes in the curriculum and update the information relating to your program.

Didactic instruction:
Lectures, demonstrations or other instruction without psychomotor participation by students.

Laboratory or pre-clinical instruction:
Indicates that students receive supervised experience in performing functions in the laboratory setting using study models, mannequins, etc., and their performance is evaluated by faculty according to predetermined criteria.

Clinical instruction:
Indicates that students receive supervised experience in performing functions in the clinical setting on patients and clinical performance of the functions is evaluated by faculty according to predetermined criteria. Clinical hours should not be reported twice; if clinical hours are reported for a specific content area, they must not be duplicated on the clinical practice line.

Faculty/student ratios:
Should be reported based on the average number of students taught by one faculty member at a time. The total number of students taught are to be divided by the total number of teaching faculty members. For example, 45 students taught by three instructors are reported as a faculty/student ratio of 1:15 for that class. If there are multiple clinical or laboratory sections for a particular class, the ratio is based on the number of students and faculty assigned to the sections.
For different ratios in sections of the same subject area, report the average ratio among all sections or classes. Faculty/student ratios of 1:0 are not acceptable.

Faculty/student ratios must be provided for all areas of instruction for which clock hours are listed.

N/A:
Not applicable.

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

Do not include elective courses, prerequisite courses, or physical education courses. Indicate the clock hours of instruction and the corresponding faculty/student ratio for each content area listed below. If none, enter 0.

NOTE: Faculty/student ratios must be provided for all areas of instruction for which clock hours are listed. Round all ratios to the nearest whole number.

If there are no didactic laboratory clock hours in an area, delete "1:" and enter "NA" in the didactic faculty/student ratio column.

If there are no laboratory clock hours in an area, delete "1:" and enter "NA" in the laboratory faculty/student ratio column.

	Didactic instruction clock hours	Laboratory instruction clock hours	Didactic faculty: student ratio	Laboratory faculty: student ratio
a. Communication skills			1:	1:
b. Mathematics			1:	1:
c. Business principles			1:	1:
d. Chemistry			1:	1:
e. Physics			1:	1:
f. Dental materials			1:	1:
g. Tooth morphology			1:	1:
h. Oral anatomy			1:	1:
i. Occlusion			1:	1:
j. Legal, ethical, and historical aspects of dentistry and dental laboratory technology			1:	1:
k. Bloodborne infectious diseases			1:	1:
l. Hazard control			1:	1:

m. General laboratory techniques			1:	1:
n. Complete denture prosthodontics			1:	1:
o. Removable partial denture prosthodontics			1:	1:

p. Fixed prosthodontics (crown and bridge) and dental ceramics			1:	1:
~~q. Dental ceramics~~			1:	1:
~~r.~~ q. Orthodontic~~appliances~~			1:	1:
~~s.~~ r. Practical experience			1:	1:
s. Digital workflow			1:	1:

51 (continued). Please complete the following chart for all other content areas required in the accredited dental laboratory technology program.

	Didactic instruction clock hours	Laboratory instruction clock hours	Didactic faculty: student ratio	Laboratory faculty: student ratio
~~r.~~ t.			1:	1:
~~s.~~ u.			1:	1:
~~t.~~ v.			1:	1:
~~u.~~ w.			1:	1:
~~v.~~ x.			1:	1:

Use this space to enter comments or clarifications for your answers on this page.

Curriculum Information (continued)

52. In addition to preparing students to perform all basic or general techniques, the curriculum must prepare students to become proficient in at least one advanced dentistry area. Please report clock hours of instruction in the advanced areas listed below.

Indicate the clock hours of instruction and the corresponding faculty/student ratio for each content area listed below. If none, enter 0.

NOTE: Faculty/student ratios must be provided for all areas of instruction for which clock hours are listed. Round all ratios to the nearest whole number.

If there are no didactic clock hours in an area, delete "1:" and enter "NA" in the didactic faculty/student ratio column.

If there are no laboratory clock hours in an area, delete "1:" and enter "NA" in the laboratory faculty/student ratio column.

	Didactic instruction clock hours	Laboratory instruction clock hours	Didactic faculty:student ratio	Laboratory faculty: student ratio
a. Complete denture prosthodontics			1:	1:
b. Removable partial denture prosthodontics			1:	1:
c. Fixed prosthodontics (crown and bridge) and dental ceramics			1:	1:
~~d. Dental ceramics~~			1:	1:
~~e.~~d. Orthodontic ~~appliances~~			1:	1:
e. Digital workflow			1:	1:

Use this space to enter comments or clarifications for your answers on this page.