

VICE PRESIDENT EARL L. LIDAK

ACADEMIC AFFAIRS

(SENATE)

January 9, 1974

TO: UNIVERSITY SENATE MEMBERS  
FROM: **Caryl** Freeman, Secretary  
RE: **SENATE MEETING**  
4 p.m. Friday, January 11, 1974  
Schwebel Auditorium

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VICE PRESIDENT FOR  
ACADEMIC AFFAIRS

#### AGENDA

- 1) Call to **Order**
- 2) Approval of **Minutes** of **Previous Meeting** (Friday, November 30, 1973)
- 3) Report of Curriculum Committee (**Philip J. Hahn**)
- 4) Report of Student Affairs Committee (Mary Alice Budge)
- 5) Other **Committee** Reports
- 6) Unfinished **Business**
- 7) New **Business**
- 8) Adjournment

REPORT OF THE CURRICULUM COMMITTEE  
Philip J. Hahn, Chairman

Dental Hygiene Technology Program

It is proposed to establish a two-year program in Dental Hygiene Technology leading to an Associate in Applied Science degree.

Preliminary staff approval has been obtained from the Board of Regents to develop this program.

A survey of high school students made in the spring of 1972 showed 59, 62, and 69 students interested in entering the program in the fall quarters of 1972, 1973, and 1974. This strong interest continues among prospective students as evidenced by calls to the office of the Dean of the Technical & Community College and to the admissions office and by student inquiries during visitations to area high schools.

An Allied Health Manpower survey made early in 1972 indicated 28 openings for dental hygienists unfilled at that time and a prediction of a need for 130 additional dental hygienists through 1974. An additional survey was made in the spring of 1973 by the local dentists to substantiate a need for this program. This recent survey indicates that 37 dentists now employ hygienists, but an additional 118 dentists would employ one or more hygienists if they were available. The dentists support the establishment of this program.

Information about student interest, job opportunities and a cost analysis was submitted to the President for authorization to proceed with the development of this program. The President has authorized its development and the use of a consultant for this purpose.

The faculty of the program would determine the criteria for admission of students. The number of students accepted into the program each fall quarter would be determined by the number of student stations in the clinical laboratory. Accrediting criteria requires a student station for each 2 students in a class. Also these criteria stipulate that one faculty member can supervise up to 8 students in the clinical laboratory. In order to make the lecture classes somewhat economical, a lab of 12 to 16 student stations would be indicated.

In developing this program, Cuyahoga Community College and Lakeland Community College experience was invaluable. Information supplied by these schools assisted in structuring this program including the consideration of the equipment and clinical laboratory that will be required to implement the program.

The curriculum and new courses have been developed by Dr. Louis P. DiOrio with the assistance of the Dental Hygiene Technology Advisory Committee. Board of Regents criteria for associate degree programs has been followed as well as the American Dental Association criteria for accredited programs.

SUMMARY AND CLASSIFICATION OF COURSES IN

DENTAL HYGIENE TECHNOLOGY

		Clock Hours		Credit Hours			
		Class	Lab	Basic	Non-Tech	Tech	
<b>FIRST QUARTER</b>							
D.H.	501-Dental Hygiene I	2	3			3	
D.N.	510-Dental Materials	1	6			3	
Chem.	502-Survey of Chemistry II	4			4		
Biol.	551-Physiology & Anatomy I	3	2	4			
H&PE	601-First Aid	3			3		
		<u>13</u>	<u>11</u>	<u>4</u>	<u>7</u>	<u>6</u>	17 q.h.
<b>SECOND QUARTER</b>							
D.H.	502-Dental Hygiene II	3	6			5	
Biol.	552-Physiology & Anatomy II	3	2	4			
D.H.	520-Dental Anatomy	2	9			5	
Engl.	525-Communications I	4			4		
		<u>12</u>	<u>17</u>	<u>4</u>	<u>4</u>	<u>10</u>	18 q.h.
<b>THIRD QUARTER</b>							
D.H.	503-Dental Hygiene III	3	6			5	
D.H.	525-Oral Histology & Embryology	3				3	
Engl.	526-Communications II	4			4		
Chem.	503-Survey of Chemistry III	4					
	<i>See Student Elective</i>	4					
		<u>14</u>	<u>6</u>		<u>8</u>	<u>8</u>	16 q.h.
<b>FOURTH QUARTER</b>							
D.H.	601-Dental Hygiene IV	1	15			6	
H.Ec.	551-Food & Nutrition	4		4			
D.H.	620-General & Oral Pathology	3				3	
Nurs.	711-Pharmacology	4					
		<u>12</u>	<u>15</u>	<u>8</u>		<u>9</u>	17 q.h.
<b>FIFTH QUARTER</b>							
D.H.	602-Dental Hygiene V	1	15			6	
D.H.	615-Dental Health Education	1	6			3	
Biol.	560-Paramedical Microbiology	3	2	5			
Psych	501-Introduction to Psychology	3			3		
		<u>5</u>	<u>23</u>	<u>5</u>	<u>3</u>	<u>9</u>	17 q.h.
<b>SIXTH QUARTER</b>							
D.B.	603-Dental Hygiene VI	1	12			5	
D.H.	610-Office Management and Jurisprudence	5				5	
Soc.	500-Fundamentals of Sociology	4			4		
D.H.	625-Community Dentistry	1	6			3	
		<u>11</u>	<u>18</u>	<u>4</u>	<u>4</u>	<u>13</u>	17 q.h.
GRAND TOTALS		67	90	21	<del>28</del> 29	55	<del>102</del> 105 q.h.

## Courses for Dental Hygiene Technology Program

**Addition of 501; Dental Hygiene I; 3 q. h.**

Prereq: None

Description: An **introduction** to Dental Hygiene and its role as an **integral** part of the dental **health** profession is presented. **Medical-dental** terminology, principles of dental instrumentation, and clinical records are discussed. Lectures and practical clinical experiences in dental assisting are given. **The principles of four-handed sit-down dentistry** are presented. Two hours **lecture** and three hours of laboratory per week.

**Addition of 502; Dental Hygiene II; 5 q. h.**

Prereq: Dental Hygiene 501

Description: Basic techniques are practiced in the use of exploratory scaling and polishing instruments in a combination of lecture-laboratory-clinical assignments. Aseptic principles, dental operator, relationship between the general health status of patients and dental prophylactic therapy, and philosophy of preventive services and **patient** education are discussed. Particular attention is given to **the means of controlling dental** disease. Three hours lecture and six hours of laboratory per week.

**Addition of 503; Dental Hygiene III; 5 q. h.**

Prereq: Dental Hygiene 502

Description: Dental hygiene motor **skills** are developed for practical clinical application. Continued emphasis on oral prophylaxis, **sterilization**, and preventive procedures. Dental-medical emergencies and their treatment are discussed. Discussion of Dental **Roentgenology** including hazards of radiation, **procedures** and techniques is **followed** by clinical application. Three hours of lecture and six hours of laboratory per week.

**Addition of 510; Dental Materials; 3 q. h.**

Prereq: None

Description: The source, **physical** properties, methods of manufacturing, and uses of various dental **materials** are presented. These materials are manipulated in laboratory **procedures** so that the student **will be** able to assist the dentist at the chair, perform certain laboratory procedures and perform specified clinical **duties**. **One** hour lecture **and** six hours of laboratory per week.

**Addition of 520; Dental Anatomy; 5 q. h.**

Prereq: None

Description: This course covers oral topography, basic terminology of soft and hard oral structures. The dentition is **presented** both as system entities and components. The **symptomology** and classification of dental caries is discussed. Comparative anatomy is studied. Two hours **lecture** and nine hours of laboratory per week.

## Courses for Dental Hygiene Technology Program (Contd.)

Addition of 525; **Oral Histology and Embryology**; 3 q.h.

Prereq: Dental Hygiene 520

Description: An introduction to the **microscopic** structure of the body by simple discussion of **the** cell concept is given. Normal and **abnormal** tissues are shown and discussed. The embryonic development **of** the face **and** oral cavity is presented.

Addition of 601; Dental Hygiene **IV**; 6 q.h.

Prereq: Dental Hygiene 503

Description: Each student will receive instruction and clinical practice in oral prophylaxis, radiographic technique, sterilization, charting, dental-medical emergencies and patient education. One hour lecture and fifteen hours of laboratory per week.

Addition of 602; Dental **Hygiene V**; 6 q.h.

Prereq: Dental Hygiene **601**

Description: Continued **instruction** and **clinical** experiences in **oral** prophylaxis, radiographic technique, **sterilization**, charting, dental-medical emergencies and patient education. One hour lecture and fifteen hours of laboratory per week.

Addition of 603; Dental Hygiene **VI**; 5 q.h.

Prereq: Dental Hygiene **602**

Description: A continuation of Dental Hygiene **V**. One hour lecture and twelve hours of laboratory per week.

Addition of 610; Office **Management** and Jurisprudence; 5 q.h.

Prereq: None

Description: Business procedure and accounting systems in a dental office are studied. The scope and role of dental **hygiene** and responsibilities and ethics of the dental hygienist **are** presented. Legal definitions pertinent to dentistry are discussed. The laws relating to the practice of dentistry are **discussed**. The laws relating to the practice of dentistry and dental hygiene in the state of Ohio are given in detail.

Addition of 615; **Dental Health Education**; 3 q.h.

Prereq: None

Description: A lecture and laboratory course to introduce educational concepts, objectives, **methodology** in oral health instructions. **It** provides the opportunity for the student to act as an educator in a classroom situation and in professional groups by table clinic presentations. One hour lecture **and** six hours of laboratory per week.

Addition of 620; General and Oral Pathology; 3 q.h.

Prereq: None

Description: The cause and **nature** of disease, together **with** anatomical and functional changes are discussed. The observation and progress of disease in the human is related to diagnosis and treatment planning by the dentist. Special emphasis is given to oral pathology.

**Courses for Dental Hygiene Technology Program (Contd)**

**Addition of 625; Community Dentistry; 3 q.h.**

**Prereq: Dental Hygiene 615**

**Description: A study of the epidemiology of dental disease Particular attention is given to means of preventing and controlling dental disease and promoting dental health through organized community efforts. One hour lecture and six hours of laboratory per week.**