

**DH 70 Course Outline as of Fall 1999****CATALOG INFORMATION**

Dept and Nbr: DH 70

Title: DENT ANAT &amp; TOOTH MORPH

Full Title: Dental Anatomy and Tooth Morphology

Last Reviewed: 9/11/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.50	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.50	Lab Scheduled	2.00	17.5	Lab Scheduled	35.00
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 140.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

The study of the dental terminology, tooth morphology, structures of the oral cavity, classification of cavities, and charting conditions of the teeth. The content of this course will be taught through combined lecture and laboratory experience. Aspects related to dental hygiene care such as Root Morphology, Restorative Charting, Occlusion and Dental Anomalies are emphasized.

**Prerequisites/Corequisites:**

Concurrent Enrollment in DH 71A ( or DH 71)

**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: The study of the dental terminology, tooth morphology, structures of the oral cavity, classification of cavities, and charting conditions of the teeth. The content of this course will be taught through combined lecture and laboratory experience. (Grade Only)

Prerequisites/Corequisites: Concurrent Enrollment in DH 71A ( or DH 71)

Recommended:  
Limits on Enrollment:  
Transfer Credit: CSU;  
Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1999	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of this course, the student should be able to:

- A. Define and interpret the general anatomical terms related to dental anatomy, tooth morphology, and the oral cavity.
- B. Identify tooth form and function, listing major crown and root characteristics.
- C. List and describe the Universal, I.S.O, and Palmer systems of charting.
- D. Contrast deciduous and permanent teeth.
- G. Identify and describe anomalies of dentitions.
- E. Describe the classification of occlusion and recognize early signs of deviation in deciduous, mixed and permanent dentition.
- I. Identify the surface regions of the head and face.
- K. Identify the surface structures of the oral cavity.
- F. Anticipate the types of question a parent may ask a dental health care provider regarding the importance and function of deciduous teeth.
- H. Chart existing restorations, dental caries, missing teeth and dental anomalies on a typodont and classmates.

### **Topics and Scope:**

- A. Dental Nomenclature
- B. Tooth Development, Eruption and Exfoliation
- C. Tooth Form and Identification
- D. The Deciduous Dentition
- E. The Permanent Dentition
- F. Tooth Numbering/Charting Systems
- G. Anomalies of the Dentition

- H. Classifications of Occlusion
- I. Occlusion and Malocclusion
- J. Dental Caries: Recognition and Classification
- K. Dental Charting
- L. Assessments of the Teeth
  - 1. Tooth Development
  - 2. Tooth Eruption and Shedding of the Primary teeth
  - 3. Anomalies of the teeth
  - 4. Role of occlusion in oral health
- M. Identification of intraoral landmarks

### Assignment:

Reading assignments in textbooks and workbooks. Demonstration of charting skills and oral landmarks. Assignments of modules in CHEC.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Lab reports, Quizzes, Exams

Problem solving  
10 - 45%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Performance exams

Skill Demonstrations  
25 - 40%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams  
15 - 45%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### Representative Textbooks and Materials:

ILLUSTRATED ANATOMY OF THE HEAD AND NECK, Margaret Fehrenback & Susan

Herrig, W.B. Saunders, 1996.

CONCISE DENTAL ANATOMY AND MORPHOLOGY, Fuller, James and Iddelhard, Donald, 2nd Ed., Year Book Medical Publishers, 1984.

DENTAL HYGIENE THEORY AND PRACTICE, Darby, M. and Walsh M. Philadelphia, PA., W.B. Saunders, 1995.

CLINICAL PRACTICE OF THE DENTAL HYGIENIST, Wilkins, E., 7th Ed., Lea & Febiger, 1993.