



COURSE IMPLEMENTATION DATE: September 2006
 COURSE REVISED IMPLEMENTATION DATE: September 2012
 COURSE TO BE REVIEWED: May 2018
(six years after UEC approval) *(month, year)*

OFFICIAL UNDERGRADUATE COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
 Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

DHYG 215	Dental Hygiene	4
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
	Oral Anatomy	
COURSE DESCRIPTIVE TITLE		

CALENDAR DESCRIPTION:

Students are introduced to anatomical and physiological features of the head and neck region. Crown and root anatomy, morphology, and occlusion will be studied in detail. Students will identify features of crown and root morphology that relate to the identification and differentiation of teeth, in addition to occlusal relationships and how these may affect the provision of dental hygiene care. The course focus is on the healthy/normal continuum that provides the foundation for clinical dental hygiene practice as well as for further study.

PREREQUISITES: Admission to the Dental Hygiene program.
 COREQUISITES: DHYG 270
 PRE or COREQUISITES:

SYNONYMOUS COURSE(S):

- (a) Replaces: DHYG 110, DHYG 120
- (b) Cross-listed with: _____
- (c) Cannot take: _____ for further credit.

SERVICE COURSE TO: *(department/program)*

TOTAL HOURS PER TERM: 60

STRUCTURE OF HOURS:
 Lectures: 60 Hrs
 Seminar: _____ Hrs
 Laboratory: _____ Hrs
 Field experience: _____ Hrs
 Student directed learning: _____ Hrs
 Other (specify): _____ Hrs

TRAINING DAY-BASED INSTRUCTION:

Length of course: 15 weeks
 Hours per day: _____

OTHER:

Maximum enrolment: 16
 Expected frequency of course offerings: Fall term
(every semester, annually, every other year, etc.)

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only) Yes No
 WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department) Yes No
 TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE: Yes No

Course designer(s): <u>Stephanie Kelly, Leta Zaleski</u>	
Department Head: _____	Date approved: <u>May 2012</u>
Supporting area consultation (Pre-UEC)	Date of meeting: <u>May 18, 2012</u>
Curriculum Committee chair: <u>Stephanie Kelly</u>	Date approved: <u>May 2012</u>
Dean/Associate VP: <u>Diane Reed</u>	Date approved: <u>May 2012</u>
Undergraduate Education Committee (UEC) approval	Date of meeting: <u>May 23, 2012</u>

LEARNING OUTCOMES:

Upon successful completion of this course, students will be able to:

1. Use accurate dental and anatomical terms when describing and documenting findings of an effective assessment.
2. Understand normal head and neck anatomy and physiology, in order to identify abnormal function, to provide a foundation for clinical dental hygiene
3. Identify features of the soft and hard tissues that relate to the identification and differentiation of landmarks, and have a good understanding of the periodontium in order to identify client needs.
4. Use foundation knowledge for further study in the dental sciences.

METHODS: *(Guest lecturers, presentations, online instruction, field trips, etc.)*

Seminar, discussion, group work.

METHODS OF OBTAINING PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Examination(s) Portfolio assessment Interview(s)

Other (specify):

PLAR cannot be awarded for this course for the following reason(s):

TEXTBOOKS, REFERENCES, MATERIALS: *[Textbook selection varies by instructor. Examples for this course might be:]*

Fehrenbach, M. J., & Herring, S. W. (2012). *Illustrated anatomy of the head and neck* (4th ed.). Philadelphia: W. B. Saunders Company.

Bath-Balogh, M. & Fehrenbach, M. J. (2011). *Illustrated dental embryology, histology and anatomy* (3rd ed.). Philadelphia: W. B. Saunders Company.

Dental Anatomy Coloring Book, Elsevier Sanders

SUPPLIES / MATERIALS:

Kilgore International Inc., Dental Study Model: Permanent Teeth with Anatomical Roots.

STUDENT EVALUATION: *[An example of student evaluation for this course might be:]*

Assignment	10%
Participation	10%
Quizzes	10%
Unit Exam #1	20%
Unit Exam #2	20%
Final Exam	30%

UFV letter grading system will be used. A passing grade in the didactic component is 70% (B-)

COURSE CONTENT: *[Course content varies by instructor. An example of course content might be:]*

Main Themes/Critical Elements are:

1. Structures, landmarks and anatomic relationships of the skull
2. Intra-oral anatomy and physiology; extra-oral anatomy and landmarks
3. Structure and function of the periodontium, including tooth tissues
4. Structure and function of the temporomandibular joint
5. Muscles of the head and neck
6. Blood supply and lymphatic drainage of the head and neck
7. Nerves of the head and neck
8. Features of tooth morphology that relate to the identification and differentiation of teeth.
9. Features of root morphology that relate to the identification and differentiation of permanent teeth.
10. Features of tooth crown morphology that may affect the provision of dental hygiene care.
11. Features of occlusion.
12. Anatomical features and landmarks of the dentition and related occlusal relationships