



COURSE IMPLEMENTATION DATE: September 2007  
 COURSE REVISED IMPLEMENTATION DATE: September 2011  
 COURSE TO BE REVIEWED: August 2017  
*(six years after UPAC 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 260	Dental Hygiene	6
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
Clinical Theory and Practice IV		
COURSE DESCRIPTIVE TITLE		

**CALENDAR DESCRIPTION:**

This course continues from DHYG 162. The dental hygiene process of care is studied for child clients and is applied on selected clients and through case study. Additional skills are practiced and students demonstrate competence in selected procedures with instructor guidance. Case study presentation is introduced. Administration of local anesthetic is applied in a clinical setting. This clinical course utilizes the Human Needs Model to guide the dental hygiene process of care.

PREREQUISITES: DHYG 162  
 COREQUISITES: DHYG 210, DHYG 225, DHYG 228, DHYG 230, DHYG 250, DHYG 290  
 PRE or COREQUISITES:

**SYNONYMOUS COURSE(S):** \_\_\_\_\_ **SERVICE COURSE TO:** *(department/program)*  
 (a) Replaces: \_\_\_\_\_  
 (b) Cross-listed with: \_\_\_\_\_  
 (c) Cannot take: \_\_\_\_\_ for further credit.

<b>TOTAL HOURS PER TERM:</b> <u>244</u> <b>STRUCTURE OF HOURS:</b> Lectures: <u>52</u> Hrs Seminar: <u>12</u> Hrs Laboratory: <u>180</u> Hrs Field experience: _____ Hrs Student directed learning: _____ Hrs Other (specify): _____ Hrs	<b>TRAINING DAY-BASED INSTRUCTION:</b> Length of course: _____ Hours per day: _____ <b>OTHER:</b> Maximum enrolment: <u>16</u> Expected frequency of course offerings: <u>annually</u> <i>(every semester, annually, every other year, etc.)</i>
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**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>Shauna Warner, Leta Zaleski</u>	Date approved: <u>April 2011</u>
Department Head: <u>Diane Reed</u>	Date of meeting: <u>May 6, 2011</u>
Supporting area consultation (Pre-UEC)	Date approved: <u>April 2011</u>
Curriculum Committee chair: <u>Stephanie Kelly</u>	Date approved: <u>August 26, 2011</u>
Dean/Associate VP: <u>Diane Reed</u>	Date of meeting: <u>September 30, 2011</u>
Undergraduate Education Committee (UEC) approval	

**LEARNING OUTCOMES:**

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

1. Function as a professional dental hygienist.
2. Manage the dental hygiene practice environment ensuring safe and efficient delivery of care.
3. Use clear and accurate written, oral, and visual communication with peers, clients, staff, faculty, and select members of the health care team.
4. Work effectively as a member of the dental team (peers, staff, faculty, and select members of the healthcare team) to provide oral health care.
5. Use psychomotor skills in a safe, atraumatic, and effective manner in the provision of dental hygiene care.
6. Integrate theoretical knowledge and critical thinking skills in the provision of dental hygiene care.
7. Provide dental hygiene care by incorporating assessment, diagnosis, planning, implementation, and evaluation into practice.
8. Integrate health promotion strategies into the dental hygiene process of care.

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

Seminar, demonstrations, clinical experiences, case study, integration seminars/exercises.

**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:]

Darby, M.L., & Walsh, M. (2009). Dental hygiene theory and practice (3<sup>rd</sup> ed), Philadelphia: Elsevier  
Basset, K., DiMarco, A., Naughton, D. (2010) Local anesthesia for dental professionals (1<sup>st</sup> ed.) Prentice Hall  
Malamed, S.F. (2004) Local Anesthesia Administration DVD, St. Louis: C.V. Mosby  
Nield-Gehrig, J. (2007) Fundamentals of periodontal instrumentation (6<sup>th</sup> ed), St. Louis: Lippincott, Williams & Wilkins  
Weinberg, M. (2007) Comprehensive Periodontics for the Dental Hygienist (3<sup>rd</sup> ed), Toronto: Prentice Hall  
Wilkins, E. (2008) Clinical practice of the dental hygienist (10<sup>th</sup> ed) St. Louis, Lippincott, Williams & Wilkins  
UFV Dental Hygiene Clinic Manual

**SUPPLIES / MATERIALS:**

Continuing use of supplies from DHYG 162

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

There are two components to student assessment: didactic and clinical evaluation. The student must receive a passing grade in both components. The final grade for this course will be assigned based on the following:

**Didactic:**

Clinical Progress Reflections	10%
Integration Exercises	15%
Case Study on Selected Client	20%
Midterm Exam	25%
Final Comprehensive Exam	30%

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

***Student evaluation continued:***

**Clinical Evaluation:**

Evaluation in the clinical component is competency based, using performance criteria guidelines. Students will be evaluated and receive feedback on their performance in each clinical session. There are three levels at which the student may be performing:

- A Standards Met
- B Acceptable but improvable
- C Standards not met

A passing grade in the clinical components is B (Acceptable but improvable)

Both a grade of at least 70% in the didactic component and an A or B standard in the clinical component are required to pass this course. **The final grade for this course will appear on the student's transcript as Credit (CR) or No Credit (NCR).**

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

This course expands upon concepts already covered, introduces new concepts and focuses on continuing integration of knowledge, skills and attitudes from DHYG 160, DHYG 161 and DHYG 162 to deliver optimal dental hygiene care.

Main Themes/Critical Elements which are expanded upon are:

1. Personal and professional standards; responsibilities as a team member
2. Personal and professional grooming
3. Accident and injury prevention
4. Operation and maintenance of dental office equipment
5. Importance and performance of infection control procedures
6. Operator and client positioning; Principles of body mechanics; operator and client comfort
7. Armamentarium assembly and organization
8. Emergency care; emergency kit, operation of oxygen equipment
9. Instrumentation principles, including instrument sharpening
10. Inventory control
11. Appointment scheduling
12. Accounts receivable
13. Continuing care/maintenance systems
14. Dental records: legal, accuracy and confidentiality issues
15. Teamwork
16. Goal setting; basic strategies to implement goals; evaluating effectiveness of strategies
17. Concepts of self, peer and instructor evaluation
18. Problem solving /critical thinking
19. The Human Needs Model to guide the dental hygiene process of care
20. The dental hygiene process of care
21. Client health and dental history
22. Vital signs
23. General client appearance/head and neck assessment
24. Intraoral soft tissue assessment
25. Periodontal assessment
26. Gingival assessment
27. Deposit assessment
28. Dental assessment
29. Occlusal assessment
30. Dental radiographs
31. Impressions
32. Study models
33. Dental Imaging

***Course content continued:***

34. Risk Assessment
35. Dental hygiene diagnosis
36. Dental hygiene care planning
37. Debridement
38. Polishing
39. Fluorides: Caries management
40. Dental prostheses
41. Desensitizing
42. Self care as it relates to oral health/health promotion

New Main Themes/Critical Elements introduced in this course are:

1. Diagnostic testing
2. Periodontal dressings
3. Suture removal
4. Temporary restorations.
5. Pain management
6. Oral Irrigation
7. Sealants
8. Tobacco use assessment and cessation
9. Nutrition counselling/health promotion
10. Prevention and emergency management of dental trauma.