

|   |                |
|---|----------------|
| COURSE IMPLEMENTATION DATE:                 | September 2007 |
| COURSE REVISED IMPLEMENTATION DATE:         |                |
| COURSE TO BE REVIEWED:                      | September 2009 |
| (Four years after UPAC final approval date) | (MONTH YEAR)   |

**OFFICIAL 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 and the material will vary - see course syllabus available from instructor**

|                          |  |              |
|--------------------------|--|--------------|
| FACULTY/DEPARTMENT:      | Faculty of Science, Health and Human Services / Department of Dental Hygiene |              |
| <b>DHYG 260</b>          |  | <b>6</b>     |
| COURSE NAME/NUMBER       | FORMER COURSE NUMBER   | UCFV CREDITS |
|                          | <b>Clinical Theory and Practice IV</b>                                       |              |
| COURSE DESCRIPTIVE TITLE |  |              |

**CALENDAR DESCRIPTION:**

The student continues to study and apply aspects of client assessment, planning, implementation and evaluation on selected clients and through case study. Dental imaging and administration of local anesthetic are applied in a clinical setting. Students are introduced to the fundamentals of case presentation.

PREREQUISITES: **DHYG 162**  
COREQUISITES: **DHYG 210, DHYG 230, DHYG 226, DHYG 228, DHYG 250, DHYG 290**

|  |                           |
|--|---------------------------|
| SYNONYMOUS COURSE(S)                                     | <b>SERVICE COURSE TO:</b> |
| (a) Replaces: _____<br>(Course #)                        | _____                     |
| (b) Cannot take: _____ for further credit.<br>(Course #) | _____                     |

|                            |                |                                |   |
|----------------------------|----------------|--------------------------------|---|
| TOTAL HOURS PER TERM:      | <b>270</b>     | TRAINING DAY-BASED INSTRUCTION |   |
| <b>STRUCTURE OF HOURS:</b> |                | LENGTH OF COURSE:              | <b>15 weeks</b>   |
| Lectures:                  | <b>44</b> Hrs  | HOURS PER DAY:                 | <b>Lecture/seminar: 2 hours / day, twice a wk<br/>Lab/Clinic: 3 hours / day, 4 times a week<br/>2 hours / day, once a week(rad)</b> |
| Seminar:                   | <b>16</b> Hrs  |                                |   |
| Laboratory/ clinic:        | <b>210</b> Hrs |                                |   |
| Field Experience:          | Hrs            |                                |   |
| Student Directed Learning: | Hrs            |                                |   |
| Other (Specify):           | Hrs            |                                |   |

|   |   |
|---|---|
| MAXIMUM ENROLLMENT:   | <b>16</b>   |
| EXPECTED FREQUENCY OF COURSE OFFERINGS:   | <b>Fall term, 2<sup>nd</sup> year only</b>                          |
| <b>WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)</b>            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)</b> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:</b>                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

**AUTHORIZATION SIGNATURES:**

|  |  |
|--|--|
| Course Designer(s): _____<br>Shauna Warner | Chairperson: _____<br>Darren Francis ( <i>Curriculum Committee</i> ) |
| Department Head: _____<br>Wanda Gordon     | Dean: _____<br>Jackie Snodgrass                                      |
| PAC Approval in Principle Date: _____      | PAC Final Approval Date: September 30, 2005                          |

## **Clinical Theory and Practice 4 / DHYG 260**

### **LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:**

The student will be able to:

1. Demonstrate professional behavior
2. Use clear and accurate written, oral and visual communication with peers, clients, staff and faculty
3. Demonstrate responsibility and accountability for own actions
4. Work effectively as a member of the dental team to provide oral health care
5. Prepare environment ensuring safe and efficient delivery of care
6. Perform assessments that ensure optimal delivery of dental hygiene therapy
7. Develop dental hygiene diagnosis and care plan which contributes to optimal oral health
8. Implement the dental hygiene process of care that contributes to the client's oral and general health
9. Demonstrate critical thinking skills and apply the problem solving process in the provision of dental hygiene care
10. Apply basic knowledge, values, skill related to self evaluation to the practice of dental hygiene
11. Evaluate the dental hygiene process of care to ensure safety, comfort, and understanding
12. Manage the clinical environment to ensure optimal delivery of care
13. Integrate basic behavioral, biological, dental sciences and professional courses with clinical knowledge, skill, and values, into the practice of dental hygiene

### **METHODS:**

Lecture  
Demonstration  
Clinical client experiences  
Case study  
Integration seminar

### **PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):**

Credit can be awarded for this course through PLAR (Please check:)     Yes                       No

### **METHODS OF OBTAINING PLAR:**

Challenge Exam (Theory and clinical)

### **TEXTBOOKS, REFERENCES, MATERIALS:**

[Textbook selection varies by instructor. An example of texts for this course might be:]

Daniel, Susan J. and Harfst, Sherryl Ann, (2004) Dental Hygiene Concepts, Cases and Competencies. St. Louis: Mosby Inc.

Langland, Olaf E., Langlais, Robert P. (1997) Principles of Dental Imaging. Philadelphia: Lippincott, Williams and Wilkins

Malamed, S. F. (2004) Handbook of Local Anesthesia (5<sup>th</sup> ed.). St. Louis: C.V. Mosby

Carranza, Fermin A. and Newman, Michael (2002) Clinical Periodontology (9<sup>th</sup> ed.) Philadelphia: W.B. Saunders

Sizer, F., Whitney, E., Nutrition Concepts and Controversies (9<sup>th</sup> ed.) West Publishing

UCFV Clinic Manual

### **SUPPLIES / MATERIALS:**

### **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:

|                   |     |
|-------------------|-----|
| Midterm Exam      | 30% |
| Literature Review | 15% |
| Case Study        | 20% |

Final Comprehensive Exam            35%

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

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 3 levels at which the student may be performing:

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

A passing grade in the clinical component is B (Acceptable but improveable)

Both a grade of at least a B- in the didactic component and a B in the clinical component are required to pass this course.

### **COURSE CONTENT:**

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

This course will expand upon concepts already covered, introduce new concepts, and focus on a continuing integration of skills and knowledge. Students will continue to perfect their skills in delivering optimal dental hygiene care. Main Themes / Critical Elements from DHYG 160, 161 and 162 which are expanded upon are:

1. Dental records
2. Personal and professional behavior
3. Personal and professional standards
4. Accident and injury prevention
5. Operation and maintenance of dental office equipment
6. Importance and performance of infection control procedures
7. Operator and client positioning and comfort
8. Armamentarium assembly and organization
9. Instrument sharpening
10. Emergency care
11. Client health history
12. Assessment of general client appearance; client head and neck assessment
13. Intra oral soft tissue assessment
14. Periodontal assessment
15. Dental assessment
16. Occlusal assessment
17. Vital signs
18. Self care recommendations
19. Principles of instrumentation
20. Debridement: Scaling, Root Planing and Margination of restorations
21. Goal setting, implementation and evaluation
22. Concepts of self, peer and instructor evaluation
23. Evaluating the process of dental hygiene care
24. Dental hygiene diagnosis and health care planning
25. Polishing
26. Fluoride
27. Dental prostheses
28. Inventory control
29. Appointment scheduling
30. Accounts receivable
31. Continuing client care/client recall/client maintenance
32. Impressions
33. Study models
34. Dental radiographs
35. Radiographic processing/mounting and interpretation

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

1. Client preparation
2. Dental imaging

3. Diagnostic Testing
4. Suture removal
5. Periodontal dressings
6. Temporary restorations
7. Pain Management ( desensitization, topical and local anesthetic administration)
8. Prevention and emergency management of dental trauma
9. Subgingival and home irrigation
10. Sealants