Course Content Guide

Community and Technical College
Dental Hygiene Program

DH A395D Clinical Practicum III
6 Credits

I. Course Description
Provides opportunity for students to achieve clinical skill competency with patients presenting with moderate to advanced periodontal disease. This course is conducted in a clinical setting with volunteer patients and individualized instruction.

II. Course Design
A. Designed for second year, second semester dental hygiene students.
B. Credits: 6
C. Total student involvement time:
   1. Clinic: 18 hours per week for 15 weeks (270 hours)
   2. Outside work expected: none
D. DH A395D is required for an Associate of Applied Science degree in Dental Hygiene.
E. This course has fees.
F. This course may be taught in any time frame, but not less than 1 week per credit.
G. This is a new course.
H. This course is coordinated with extended sites, list serve, and the UAF Dental Hygiene Program.
I. This course is a 300-level course because it builds on and applies information that has been introduced in upper division prerequisite courses.

III. Course Activities
This course will be conducted in a clinical setting.

IV. Course Prerequisites and Registration Restrictions
A. Course Prerequisites: [DH A321; DH A395C] with a minimum grade of C
B. Course Co-requisite: DH A392D
C. Registration Restrictions: Departmental approval and cardiopulmonary resuscitation certification.

V. Course Evaluation
A. Grades will be A-F
B. Grades are based on clinical requirements and skill assessments.
VI. Course Curriculum

1.0 Safety
1.1 University safety
1.2 Clinic and building safety
   1.2.1 Clinical instrumentation
   1.2.2 Operator application
   1.2.3 Patient application
   1.2.4 Standard precautions
   1.2.5 Hazardous equipment and chemicals

2.0 Subjective and Objective Patient Evaluation
2.1 Medical/dental history and vitals
2.2 Extra-oral and intra-oral examination
2.3 Occlusal examination
2.4 Dental examination
2.5 Periodontal examination
2.6 Indices

3.0 Patient Assessment
3.1 Oral health
3.2 Oral hygiene
3.3 Contributing factors
3.4 Risk Assessments
   3.4.1 Caries
   3.4.2 Tobacco use
   3.4.3 Oral cancer

4.0 Treatment Planning
4.1 Treatment goals
4.2 Patient education
4.3 Periodontal treatment
4.4 Referrals
4.5 Re-evaluation

5.0 Treatment
5.1 Instrumentation
   5.1.1 Accretion detection
   5.1.2 Scaling and root planing
      5.1.2.1 Advanced instrumentation
   5.1.3 Ultrasonic scaling
   5.1.4 Cleansing and polishing
5.2 Adjunctive therapy
   5.2.1 Fluoride application
   5.2.2 Vitality testing
   5.2.3 Impressions and study models
   5.2.4 Desensitizing
5.2.5 Margination and amalgam polishing
5.2.6 Dental radiography
5.2.7 Pit and fissure sealants
5.2.8 Local anesthesia
5.2.9 Local chemotherapeutic placement
5.2.10 Oral irrigation
5.2.11 Dietary analysis

6.0 Post-treatment Evaluation
6.1 Treatment modification
6.2 Establishing maintenance intervals

7.0 Professionalism
7.1 Time management
7.2 Professional manner
7.3 Grooming
7.4 Record keeping
7.5 Operatory and clinic supplies
7.6 Team relationships
7.7 Infection control
7.8 Board Preparation—Mock Western Regional Examining Board (WREB)

VII. Suggested Texts
None

VIII. Bibliography
IX. Instructional Goals, Student Outcomes, and Assessment Procedures

A. Instructional Goal: Allow students to apply previously acquired skills in the clinical situation.

B. Student Outcomes/Assessment Procedures:

<table>
<thead>
<tr>
<th>Student Outcomes:</th>
<th>Assessment Procedures</th>
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<tr>
<td>On completion of this course, the student will:</td>
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<td>Demonstrate safety procedures as it pertains to clinical activities</td>
<td>Clinic participation</td>
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<tr>
<td>Perform comprehensive dental hygiene care on patients with mild to moderate periodontal disease in the clinical setting to an 85% competency level, including but not limited to assessments, instrumentation, and full-mouth radiographs.</td>
<td>Task analysis</td>
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| Formulate treatment plans based on assessments of patient histories and physical presentation. | Skills assessment  
Chart entries                                   |
| Demonstrate advanced techniques in the clinical setting.                         | Skills assessment                              |
| Evaluate clinical response to treatment and determine appropriate interventions.  | Clinic participation  
Chart entries                                   |
| Exhibit professional behavior.                                                   | Professionalism assessment                     |
| Demonstrate readiness to take clinical board exam.                               | Mock Western Regional Examining Board (WREB)    |