**Course Number and Name:** 4240 Clinical Dental Hygiene IV

**Course Type (circle one):** Lecture  Laboratory  **(Clinical)**  Seminar  Selective

**Course Director(s):** Patricia R. Campbell, RDH, MS

**Other Participating Faculty:**
- Maureen Brown, RDH, BS
- Eric Fox, RDH, MS
- Alexandra Garcia, RDH, BS
- Marylou Gutmann, RDH, MA
- Cherri Kading, RDH, MS
- Lisa Mallonee, RDH, MPH, RD, LD
- Kathy Muzzin, RDH, MS
- Hemali Patel, RDH, BS
- Keri Pearson, RDH, BS
- Stacy Pettit, RDH, BS
- Leigh Ann Wyatt, RDH, MACE

**Year/Semester Offered:** Spring

**Course Description:**
Comprehensive dental hygiene care through clinical application of procedures. Includes intramural dental hygiene and dental school rotations and extramural site assignments.

**Course Objectives:** See “Standards for Clinical Performance” in the Clinic Information Manual.

**Related Competencies:**
1.1 Apply ethical reasoning to dental hygiene and practice with professional integrity.
1.2 Serve all patients and the community without discrimination.
1.3 Provide humane and compassionate care to all patients.
1.4 Maintain honesty in relationships with patients, colleagues and other professionals
1.5 Ensure the privacy of the patient during dental hygiene treatment and counseling and the confidentiality of patient records.
1.6 Comply with state and federal laws governing the practice of dentistry and dental hygiene.
2.2 Critically analyze published reports of oral health research and apply this information to the practice of dental hygiene.
2.4 Communicate professional knowledge verbally and in writing to patients, colleagues and other professionals.
3.3 Assume the roles of the profession (clinician, educator, researcher, change agent, consumer advocate, administrator), as defined by the ADHA.
4.2 Identify the health needs of individuals and assist them in the development of appropriate and individualized self-care regimens.
4.3 Encourage patients to assume responsibility for their health and promote adherence to self-care regimens.
5.5 Provide dental hygiene services in a variety of settings.
6.1 Obtain, review and update a complete medical, family, psychological, and dental history including an assessment of vital signs.
6.2 Manage the patient record as a legal document and maintain its accuracy and consistency.
6.3 Determine medical conditions that require special precautions or consideration prior to or during the dental hygiene treatment.
6.4 Identify the patient at risk for a medical emergency and be prepared to temporarily manage and maintain basic life support for any emergency that should occur during as appointment.
6.5 Perform an extraoral and intraoral examination and accurately record the findings.
6.6 Determine the need for referral to the appropriate health professional.
6.7 Accurately perform and record an examination of the teeth.
6.8 Identify the need for radiographs.
6.9 Radiographically distinguish normal from abnormal anatomical findings.
6.10 Evaluate the periodontium, and identify conditions that compromise periodontal health and function.
6.11 Identify patients at risk for nutritional deficiencies using assessment date.
6.12 Analyze and interpret the assessment date to formulate a dental hygiene diagnosis related to and congruent with the diagnosis of the dentist and other health professionals.
7.1 Determine priorities and establish oral health goals with the patient, family and/or guardian as an active participant.
7.2 Acknowledge cultural differences in populations when planning treatment.
7.3 Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis using the problem-based approach.
7.4 Communicate the plan for dental hygiene services to the dentist or other interdisciplinary health team members to determine its congruence with the overall plan for oral health care.
8.1 Use accepted infection control procedures
8.2 Provide an environment conducive to health by applying basic and advanced principles of dental hygiene instrumentation without causing trauma to hard or soft tissues.
8.5 Select and administer the appropriate preventive and/or antimicrobial (chemotherapeutic) agents and provide pre- and post-treatment instructions.
8.6 Provide adjunct dental hygiene services that can be legally performed in the State of Texas.
8.7 Identify policies and procedures for increasing employee and patient safety in the dental environment.
9.1 Determine the clinical outcomes of dental hygiene interventions using indices, instruments, examination techniques, and determine the appropriate maintenance schedule.
9.2 Determine the patient’s satisfaction with the dental hygiene care received and the oral health status achieved.
Evaluation Criteria/Methods:

All performance will be evaluated using the “Standards for Clinical Performance” found in the *Clinic Information Manual*.

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical Performance</td>
<td></td>
</tr>
<tr>
<td>Health History</td>
<td>6%</td>
</tr>
<tr>
<td>Extra/Intra Oral Examination</td>
<td>8%</td>
</tr>
<tr>
<td>Dental Charting</td>
<td>7%</td>
</tr>
<tr>
<td>Periodontal Charting</td>
<td>7%</td>
</tr>
<tr>
<td>Treatment Planning</td>
<td>10%</td>
</tr>
<tr>
<td>Instrumentation</td>
<td>10%</td>
</tr>
<tr>
<td>Clinical Management</td>
<td>10%</td>
</tr>
<tr>
<td>Aseptic Technique</td>
<td>5%</td>
</tr>
<tr>
<td>Clinical Conduct</td>
<td>5%</td>
</tr>
<tr>
<td>Implementation of Educational Services</td>
<td>5%</td>
</tr>
<tr>
<td>Re-evaluation of DH Services</td>
<td>5%</td>
</tr>
<tr>
<td>Hard Deposit Removal</td>
<td>11%</td>
</tr>
<tr>
<td>Soft Deposit Removal</td>
<td>11%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Final grades are awarded as follows:

<table>
<thead>
<tr>
<th>Grade Range</th>
<th>Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>93-100</td>
<td>A</td>
</tr>
<tr>
<td>90-92</td>
<td>B+</td>
</tr>
<tr>
<td>84-89</td>
<td>B</td>
</tr>
<tr>
<td>81-83</td>
<td>C+</td>
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<tr>
<td>75-80</td>
<td>C</td>
</tr>
<tr>
<td>70-74</td>
<td>D</td>
</tr>
<tr>
<td>69 or below</td>
<td>F</td>
</tr>
</tbody>
</table>

**ALL CLINICAL REQUIREMENTS MUST BE COMPLETED TO RECEIVE A FINAL GRADE FOR THIS COURSE.**

Students must complete all patient and adjunct clinical services and obtain a 70% average to be passed to the next clinical course level.

Course Requirements:

The following course requirements must be completed by 4:00 p.m. on Tuesday, May 3:

1. Complete comprehensive dental hygiene services on at least twenty (20) patients with a periodontal classification of I or II.
2. Complete comprehensive dental hygiene services on at least two (2) patients with a periodontal classification of III or IV.
3. Complete comprehensive dental hygiene services on at least three (3) patients with a C or D deposit rating.
4. Complete the 11 clinical competency examinations listed on the Competency form.
5. Complete amalgam polishing on three (3) teeth.
6. Complete desensitization on one (1) tooth.
7. Complete one (1) rubber dam placement.
8. Complete two (2) sealants.
9. Complete one (1) IRM.
10. Complete three (3) fluorides.
11. Complete one (1) cleaning of a removable partial denture (RPD).
12. Participate in the Mock Board Examination.
13. Exhibit professional maturity and an acceptable level of clinical judgment as determined by the clinical faculty. Unprofessional behavior will be documented in written form by the faculty member to the Clinic Coordinator. After the first occurrence, the student will meet with the Clinical Coordinator. At the second occurrence, the student’s final grade will be lowered by one grade. The student will fail the course on the third occurrence. All occurrences of unprofessionalism are cumulative for the entire time the student is enrolled in the program.

NOTE: Patients must be completed to count toward course requirements.

A completed patient will count toward the patient load requirement if 3 of the 4 quadrants are completed in the acceptable range for hard and soft deposit removal.

Half patient credit will count toward the patient load requirement if 2 of the 4 quadrants are completed in the acceptable range for hard and soft deposit removal.

Patients with a classification of Class III or IV may be divided to satisfy Class I and II requirements as follows:

Class IV  =  one Class III and one Class I
Class III =  two Class I/II

Mock Boards

Students who present with a qualifying patient, but do not pass the Mock Board Examination will have their final grade lowered by 5 points.

Students who do not have an appropriate patient and are unable to take the exam will have their final grade lowered by 10 points.

Attendance Policy:

Attendance is required at all assigned clinical sessions. If the student does not have a patient for the session, they are to participate in a clinical activity approved by the clinical faculty. The clinic attendance sheet must be completed and signed by faculty or it will be counted as an unexcused absence.

Additionally, students are to attend each rotation and extramural assignment indicated on the schedule and complete the task assigned. A student who is absent due to an excused absence must schedule a make-up assignment through the Clinic Coordinator.

Unexcused absences will result in a 2-point deduction from the final grade for each missed clinical session. Three unexcused absences from clinic or rotations will result in lowering of the final grade by one full grade for unprofessional behavior.
A student who is absent from a rotation for any reason must schedule a make-up assignment through the Clinic Coordinator. Make-up assignments may occur during the last 2 weeks of clinic or during finals week. Clinic time may be forfeited in order to schedule the missed rotation.

**Absence Protocol:**
Professional responsibility is an important component of being a healthcare professional. In the case of an absence, you must call Pam Hines and Lisa Pradarits to leave a voicemail message. This must be done by 8:00 AM, earlier if possible, so that your patient/rotation can be notified.

**Tardy Protocol:**
On a rare occasion, you may be delayed for some unavoidable reason. In the case of a delay, you must call Pam Hines and Lisa Pradarits to leave a voicemail message. Failure to do this may be reflected in your clinical grade for that patient or rotation.

**Laboratory/Clinic Policies and Procedures:** N/A

**Learning/Reference Materials:**
- *BCD Dental Hygiene Clinic Information Manual*
- *Clinical Practice of the Dental Hygienist*, Wilkins, EM. Lippincott Williams & Wilkins, 10th Ed, 2009.

**Remediation Policy:**
Failure to complete any one or more of the course requirements will result in a final grade of “F”. Remediation will take place in the following semester and will put the student one semester behind for graduation.