**Course Number and Name:** Theory of Dental Hygiene Practice I 3020

<table>
<thead>
<tr>
<th>Course Type:</th>
<th>Lecture</th>
<th>Laboratory</th>
<th>Clinical</th>
<th>Seminar</th>
<th>Selective</th>
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</thead>
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**Academic Year and Semester Offered:** Spring

**Course Director(s):** Cherri Kading, RDH, MS  
Office: Room 139C

**Other Participating Faculty (Lecture):**  
Kathy Muzzin, RDH, MS  
Lisa Harper-Malonee, BSDH, MPH, RD, LD

**Course Description:**  
Emphasis on advanced dental hygiene skills and services; provision of services to medically compromised patients.

**Course Objectives:**  
Upon completion of this course, the student will be able to:  
1. Employ the principles and techniques of periodontal debridement when indicated in patient treatment.  
2. Employ alternative fulcrums and vary instrument adaptation as needed for efficient effective deposit removal.  
3. Select the appropriate instruments for the removal of heavy deposits.  
5. Develop an understanding for the use of topical anesthetics in hygiene care.  
6. Select and apply the appropriate therapy for control of dentin hypersensitivity.  
7. Identify the appropriate clinical management protocol for patients with cardiovascular disease, diabetes, seizure disorders, pulmonary disorders, blood dyscrasias, eating disorders, pregnancy, patients with bloodborne pathogens and dental implants.  
8. Identify alterations of case management in treating medically compromised patients.

**Related Dental Hygiene Competencies (number and text):**  
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.  
2.1 Solve problems and make decisions based on accepted scientific principles.  
3.3 Assume the role of the profession (clinician, educator, researcher, change agent, 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.  
5.1 Identify services and agencies that promote oral health and prevent oral diseases and related conditions.
6.1 Obtain, review and update a complete medical, family, psychological, and dental history including assessment of vital signs.

6.3 Determine medical conditions that require special precautions or consideration prior to or during 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 the appointment.

6.5 Perform an extraoral and intraoral examination and accurately record the findings.

6.6 Determine the need for a referral to the appropriate health professional.

6.7 Accurately perform and record an examination of the teeth.

6.8 Identify the need for radiographs.

6.10 Evaluate the periodontium, and identify conditions that compromise periodontal health and function.

6.11 Identify patients at risk for nutritional deficiencies using assessment data.

6.12 Analyze and interpret the assessment data to formulate a dental hygiene diagnosis related to and congruent with the diagnosis of the dentist and other health professionals.

7.3 Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis.

7.4 Communicate the plan for dental hygiene services to the dentist or other interdisciplinary health care team.

8.3 Provide an environment conducive to health by applying basic and advanced principles of dental hygiene instrumentation without causing trauma to hard or soft tissue.

9.1 Determine the clinical outcomes of dental hygiene interventions using indices, instruments, examination techniques, and determine the appropriate maintenance schedule.

9.3 Determine a recall system appropriate to a practice setting.

**Evaluation Criteria/Methods:**

**Case Study Projects:** Two case studies from dentalcare.com are assigned. Evaluation criteria, instructions, group selection, and the cases are posted in the Assignment tab under “Case Study 1” and “Case Study 2.” Points will be deducted if you do not follow the instructions correctly. Ample time is given to critically analyze the case and develop a dental hygiene care plan that is appropriate for the individual needs of the client. The purpose of case studies is to prepare the student for the National Dental Hygiene Board Exam and to introduce the student to comprehensive, patient-based, dental process of care through collaboration. All students are expected to contribute equally. Email instructor if you have any concerns about a specific individual in your group selection. I expect that you will attempt a solution before contacting the instructor.

**Examinations:** Four exams will be given throughout the semester using scantrons. Makeup examinations are given when there has been an extreme circumstance preventing you from taking the examination and there has been a BCD approved absence. A doctor's note will be required if applicable. If there are any doubts as to whether a makeup examination will be permitted, then it is strongly advised that you contact the course director before class. You must be prepared to take the makeup examination the first day back to school, so plan accordingly.

**Comprehensive Final Exam:** No make-up will be given.
Grading Scale:
Case Study Project 1  100 pts  15%
Case Study Project 2  100 pts  15%
Exam #1            100 pts  10%
Exam #2            100 pts  10%
Exam #3            100 pts  10%
Exam #4            100 pts  10%
Final Examination   200 pts  30%
Total              800 pts  100%

Grading Scale (established by the Administrative Council of the College)

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<thead>
<tr>
<th>Grade</th>
<th>Range</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100</td>
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<tr>
<td>B+</td>
<td>90-92</td>
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<tr>
<td>B</td>
<td>84-89</td>
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<tr>
<td>C+</td>
<td>81-83</td>
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<tr>
<td>C</td>
<td>75-80</td>
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<tr>
<td>D</td>
<td>70-74</td>
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<tr>
<td>F</td>
<td>69-below</td>
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Attendance Policy:
Class attendance and participation are a crucial part of the learning process. Attendance is mandatory. You must contact the department administrative assistant or the instructor (see contact information at beginning of document) if you are going to be absent. Four unexcused absences will result in failure of the course. An unexcused absence will result in a loss of 2 points off your final grade. Allowances will be made for students who have a BCD approved leave of absence. Examples of excused absences include illness, funerals, and court. It is the responsibility of the student to see the course director for any supplemental materials missed in the event of an absence.

Being punctual and prepared for class are characteristics of professional behavior. You must be in the classroom for the entire class period to be counted as present. You must return from a break at the time instructed. Your full attention and non-disruptive behavior is expected during class; you will be asked to leave and counted absent if this expectation is not met. Examples of disruptive behavior are: talking amongst your classmates while the lecturer is speaking, text messaging or using electronic devices during class, studying or reading for other courses or any outside material, sleeping during lecture, etc.

Laboratory/Clinic Policies and Procedures:
Students are expected to come prepared and on time for lab and clinic sessions. You must bring all assigned materials or supplies. Ultrasonic clinic must be set-up by the scheduled time and proper clinic attire is required.

Learning Materials:
1. Required Textbooks/Tools
   b. It’s about time to get on the cutting edge. Hu-Friedy. (distributed in class)


2. Required Electronic Resources
   a. Blackboard
   b. Contact ITS to access the VPN outside of BCD
   c. Dental Hygiene Clinic Information Manual

**Remediation Policy:**
If the Student Promotions Committee deems that a student is eligible to remediate the course, it will occur during the summer term. The instructor will determine the format. The student handbook, found on the BCD intranet, explains this policy.

**Code of Conduct:**
Professionalism and academic integrity are expected and serious consequences may result when a student does not exhibit high ethical standards. Academic dishonesty will not be tolerated. Examples include, but are not limited to, the definitions listed below:

1. **Cheating**—using unauthorized study aids on an examination; altering previously graded work for regrading; allowing another person to do one’s work; submitting identical work for credit in more than one course without the first or second instructors’ knowledge; copying from another student’s exam or assignment; paying someone to write a paper or purchasing papers off paper mill internet sites.
2. **Collusion**—collaborating on assignments that were instructed to be independently completed.
3. **Plagiarism**—submitting work that is not entirely one’s own without assigning proper citation of the source or giving credit to the author.
4. **Fabrication**—falsifying or inventing data or information.
5. **Obtaining unfair advantage**—unauthorized collusion on academic assignments; acquiring access to examination materials or using unauthorized prior examination materials; interfering with another student’s work.
6. **Aiding and abetting academic dishonesty**—providing information, materials or assistance to another student knowing that such aid is in violation of academic integrity.
7. **Falsification of records and official documents**—altering documents that affect academic records; forging faculty signatures; signing an attendance list for another student.