**Course Number and Name:** 3425 Health Promotion/Disease Prevention

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

**Course Director:**  
Cherri Kading, RDH, MS, Assistant Professor/Clinic Coordinator, Office: 139C

**Other Participating Faculty:**  
Elain Benton RDH, BS  
Janice P. DeWald, BSDH, DDS, MS  
Harvey P. Kessler, DDS, MS  
Jacqueline M. Plemons, DDS, MS  
Stephanie Spann

**Year/Semester Offered:**  
Fall Semester

**Course Description:**  
This course introduces the student to the etiology and prevalence of oral diseases and oral problems. The emphasis of the course is on the role of the dental hygienist in the promotion of optimal oral health, the prevention of oral diseases, and the importance of achieving and maintaining excellent personal oral health habits. The importance of and the techniques for educating the patient in self-care skills will also be examined.

**Course Objectives:**  
Upon completion of this course, the student will be able to:

1. Demonstrate the knowledge and skills needed to prevent the onset and/or progression of **periodontal disease, dental caries, oral cancer and oral traumatic injuries** by providing individualized patient education based on the patient’s oral needs.
2. Identify patients’ oral health problems and assist patients in developing appropriate self-care regimens.
3. Plan and implement individualized oral health promotion/disease prevention educational services for patients.
4. Acquire and practice the skills necessary to achieve and maintain optimum **personal oral health**.
5. Use published research and critical thinking to evaluate the safety and efficacy of oral health products and to make recommendations to patients.
6. Value health promotion and disease prevention behaviors by demonstrating a commitment to holistic health care.

*Specific learning objectives will be provided in the Course Manual for each topic.*

**Related Competencies:**  
The following list of beginning competencies identifies the knowledge, skills and attitudes the dental hygiene student must acquire by graduation in order to become a competent, curious and caring practitioner of dental hygiene. This course will begin to address these specific competencies that will be needed to treat patients in a professional and competent manner. Refer to **Competencies for the Dental Hygienist.**
The dental hygienist must be able to:

**Information Management and Critical Thinking**

2.0 Acquire and synthesize information in a critical, scientific and effective manner.
2.1 Solve problems and make decisions based on accepted scientific principles.
2.2 Critically analyze published reports of oral health research and apply this information to the practice of dental hygiene.
2.3 Evaluate the safety and efficacy of oral health products and treatments.
2.4 Communicate professional knowledge verbally and in writing to patients, colleagues and other professionals.

**Professional Identity**

3.3 Assume the roles of the profession (clinician, educator, researcher, change agent, consumer advocate, administrator), as defined by the ADHA.

**Self-Care Instruction**

4.0 Provide planned educational services using appropriate interpersonal communication skills and educational strategies to promote optimal health.
4.1 Promote preventive health behaviors by personally maintaining optimal oral and general health.
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.

**Patient Care**

6.0 Systematically collect, analyze and accurately record baseline data on the general, oral and psychosocial health status using methods consistent with medico legal principles.
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.
6.10 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.

**Planning**

7.0 Discuss the condition of the oral cavity, actual and potential problems identified, etiological and contributing factors and recommended and alternative treatments available.
7.3 Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis using the problem-based approach.

**Evaluation**

9.0 Evaluate the effectiveness of planned clinical and educational services and modify as necessary.
Evaluation Criteria/Methods:
Conscientious attention to deadlines, course meeting times, completion of reading and/or written assignments, and active participation in all class activities can have a favorable impact on your learning, as well as that of your classmates.

Blackboard:
Grades and notices will be posted on Blackboard. It is the student’s responsibility to periodically check Blackboard for course related materials and announcements.

Grading
Semester Exams 4 @ 200 points each
Final Exam 1 @ 150 points
Laboratory Practical Final Exam 1 @ 50 points
TOTAL: 1000 pts.

BCD Grading Scale
A 93-100
B 84-89
C 75-80
F 69-below
B+ 90-92
C+ 81-83
D 70-7

TRANSLATION TO DH 3425 COURSE POINTS:
A = 930 to 1000 points
B = 840 to 899 points
C = 750 to 809 points
F = below 700 points
B+ = 900 to 929 points
C+ = 810 to 839 points
D = 700 to 749 points

Course Requirements and Assignment Descriptions:
1. Student Responsibilities
   Honesty and integrity are two important characteristics that describe a professional. Students must familiarize themselves with all school policies, and in particular the Academic and Disciplinary Due Process For Students Document. Lying, cheating, collusion and plagiarism will not be tolerated. At a minimum, any suspicion or evidence that a student engaged in this type of conduct will result in a zero on the particular exam or assignment involved and an automatic lowering of the course grade by one full letter grade. Any violations of the Code of Conduct will also be reported to the Associate Dean for Academic Services.
   A. Students are responsible for completing and protecting their own work.
   B. Students are responsible for obtaining and learning material missed during any absence from class.
   C. Students must not offer work prepared by another person as work of their own, whether written (themes, essays, term papers, tests) or other work.
   D. Students must not commit any action that is dishonest, unethical, unprofessional or in violation of College policies or procedures.

2. Reading Assignments
   All reading and study assignments are listed in the Class Schedule beginning on p. 6 of this syllabus. Reading and study assignments are to be completed prior to the class session, not afterwards. The time after class should be used to review previously read material and study class notes, not to read assignments for the first time before the quiz or an exam. Test items will be taken from class presentations and the reading assignments so it is imperative to do all of the reading assignments prior to class.
### 3. Attendance

Attendance is required. Roll will be taken at the beginning of class. A student will be counted as present when on time for the beginning of the session and remaining until the end of the session. Therefore, **late arrivals (over 10 minutes) or arriving back from breaks after class has resumed will count as an absence.** If you are sick and unable to attend class, you must notify the course director (phone numbers on front of syllabus) AND the departmental secretary, Pamela Hines. Any absences due to illness will require a doctor’s note. **For any unexcused absences or late arrivals (over 10 minutes), one point will be deducted from your final course grade.** Excused absences will be determined on an individual basis by the course director.

### 4. Exams

Exams may be multiple-choice, true-false and/or questions based on a case study. All questions are based on the learning objectives for each topic. The final written and practical exam will cover material presented throughout the semester.

### Learning Materials:

The following textbooks are required for this course:


### Additional Learning Resources:

Dental or dental hygiene journal articles and patient education pamphlets may also be assigned for a particular topic. In addition, the following internet resources may be helpful to find additional information for your patients on any topics discussed in this course:

- [www.dentalcare.com/](http://www.dentalcare.com/) (Procter & Gamble-Crest and Oral-B products)
- [http://www.listerineprofessional.com](http://www.listerineprofessional.com) (Listerine)
- [www.jbutler.com/](http://www.jbutler.com/) (Toothbrushes, floss, adjunctive plaque control aids)
- [www.cochrane.org](http://www.cochrane.org) (Provides accurate info on oral health topics)
- [http://www.adha.org](http://www.adha.org) (American Dental Hygienists’ Association)
- [http://www.ada.org](http://www.ada.org) (American Dental Association)
- [http://www.aap.org](http://www.aap.org) (American Academy of Periodontology)

You can also enter the term “oral care products” into Google or another search engine and you will obtain information on a variety of products. Many of these sites have downloadable and printable educational information for your patients.

### Remediation Policy:

Failure to obtain a grade of 70 or better in this course constitutes a failure. The student will be required to complete remediation during January and February following the completion of the course or repeat the course at the next regularly scheduled time. The extent of the deficiency will determine if remediation or repeat of the course is indicated.

### Outcomes Assessment:

The assessment of outcomes will be accomplished by the following:

1. Satisfactory completion of course requirements
2. Satisfactory implementation of educational services with patients.
3. Student completion of the Senior Exit Survey
4. Achievement of a passing grade on the National Board Examination
5. Employer Surveys
6. Alumni surveys (post graduation)