DAT 121 – Dental Health Education
Health Sciences – Expanded Duty Dental Assisting
Spring 2015

Catalog Course Description: This course defines the responsibilities of the dental assistant in individual and community dental health education with emphasis on the etiology of dental disease, methods for prevention, and principles of nutrition in relationship to oral health and preventive dentistry.
Prerequisite(s): DAT 113; DAT 154; DAT 118
Credit Hours: 2.0 Credit Hours 3.0 Lab Contact Hours 1.0 Lecture Contact Hour
Departmental Website: http://www.midlandstech.edu/dental
D2L Brightspace Login Page: https://elearn.midlandstech.edu

Instructor: Elda Lyn Nich, RDH, MSHE
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Program Assistant: Rhonda Kirkland, AC 342; 803-822-3439
Program Director: Elaine Evans, CDA, BHS; 803-822-3453

Class Schedule(s): [Section number, Day, Time, Place]

Office Hours:
Textbook(s): Modern Dental Assisting, Torres
Dental Health Education Workbook

Additional Textbooks/Readings: Special Printed Material, MTC Handouts

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

DENTAL HEALTH EDUCATION
1. Understand preventive dentistry and develop their own philosophy on prevention.
2. Identify the formation of plaque and the role it has in periodontal disease and develop an instructional program for the reduction of plaque diseases.
3. Demonstrate various toothbrushing techniques.
4. Evaluate the need of dental aids as indicated by a patient's needs.
5. List all tests used to determine caries activity.
6. Differentiate between and list all caries preventive techniques.
7. Explain tooth surface demineralization and remineralization.
8. Discuss the importance of human motivation and behavior modification in preventive dentistry.
10. Develop a dental hygiene plan for patients with special needs.
11. Describe the relationship nutrition has with patient education.
12. Classify and explain the different types of toothpastes and their components, fluoride and its application, and polishing agents and their application.
13. Understand the influences of topical and systemic fluoride.
1. Demonstrate cognitive competence in the basic classes of nutrients and their interrelationships.
2. Explain how specific dietary/nutritional practices affect various aspects of health.
3. Discuss the oral implications specific to certain nutrients.
4. Recall, analyze and evaluate his or her personal dietary/nutritional practices.
5. Discuss the energy balance between an individual’s body needs and their nutrient intake.
6. Discuss techniques in behavior modification in regard to diet and nutrition counseling.
7. Discuss the needs and effects of nutrition on the periodontal patient.
8. Discuss professional and lay literature concerning nutrition.
9. Discuss nutritional considerations for the following special population groups:
   b. Infant nutrition.
   c. Nutrition from infancy to adulthood.
   d. Nutritional considerations in aging.
   e. Nutritional considerations and suggested diet therapy in wound healing, infection, alcoholism, cancer, cardiovascular disease, diabetes, and other stress-provoking circumstances.
10. Understand the oral implications of eating disorders.

Course Outcomes and Competencies:

Intended Course Outcome #1: The student will demonstrate critical thinking and effective communication skills in preventive dentistry and dental public health.

Course Competency: Students will demonstrate overall knowledge of preventive dentistry and dental public health by applying this knowledge to patient education.

Measurement Instrument, Success Criteria and Data Collection Cycle: The students will score an 85% or higher on the patient education video in the Dental Health Education component.

Intended Course Outcome #2: The student will demonstrate critical thinking and effective communication skills for patient counseling of basic nutrients and diet analysis.

Course Competency: The student will demonstrate an overall knowledge of the principles of basic nutrients as they relate to oral tissues, age, disease process, and its application to diet analysis.

Measurement Instrument, Success Criteria and Data Collection Cycle: Students will achieve required scores on all nutrition component assessments.

Course Attendance: In order to provide for emergencies, students are permitted three (3) cuts in this course. It is the responsibility of the student to make up any missed class, laboratory session, test, examination, scheduled non-class room activities and clinical rotations. Only one test can be made up due to an absence. Exceeding this will result in a 0 for that test. Failure to make up any test and or course work will affect the student’s grade negatively.

There are no excused absences. Students are urged to reserve cuts for emergencies. Absences in excess of three will result in a grade of W if student was passing course at the last date of attendance or WF if the student was failing the course at the last day of attendance.

Three tardies for lecture, lab, or rotation constitute an absence. Being 10 minutes or later for a class or 30 minutes late for lab or rotation constitutes an absence.

Satisfactory completion of all assignments is required within the specific time frame allowed. You are responsible for all material and announcements presented, whether you are present or absent.

Withdrawal: Should the maximum allowable absences be exceeded prior to midterm, a "W" will be submitted to the registrar to be recorded on the student’s transcript. Should the maximum allowable
absences be exceeded after midterm, a "W" will be submitted to the registrar if the student was passing the course at the time of withdrawal OR a "WF" will be submitted if the student was failing the course at the time of withdrawal.

NOTE: If the student withdraws during the beginning of the term, it is advisable to discuss this with the cashier’s office about any partial tuition refund. Withdrawal after midterm, either a "W" or "WF" is based on the grade on the last day of class attendance (a "W" if passing, a "WF" if not). "WF's" are computed in GPA's and count as an "F". It is advised that the student consult the instructor prior to voluntarily withdrawing to avoid any confusion as to what grade you will receive. Withdrawals may affect current and future financial aid awards, the full time status of a student, as well as impact enrollment in future courses. The financial aid office must be consulted as well as the student’s advisor prior to withdrawing from a course.

No Shows: If you register for a course and decide not to attend for any reason, you must complete a drop form and process it through the student Records Office. You will not be automatically purged for non-attendance. If you do not submit a drop form, you will be responsible for course tuition and fees. By not officially dropping the course, you will incur a bill with the college that can only be addressed through the College’s Finance Office. The college’s refund policy and dates are posted each semester.

Effective Spring 2015, the Student Ombudsman’s office will no longer be the initial point of contact for requesting No Shows to be processed. Students who incur a bill must contact the Finance Office.

Administrative Drop Requests: A student requesting an Administrative Drop resulting from medical event, death of family member, and other extenuating circumstances experienced while enrolled at Midlands Technical College should be directed to the Student Ombudsman’s office. Our policy dictates a request must be made no later than 30 days after the affected term. Supporting documentation is required and must be received before the request can be processed. Once the request form is received along with supporting documentation, it takes approximately three weeks for processing. As a result of an approved Administrative Drop Request, the student may be granted a refund of tuition and fees.

Military Withdrawal: According to College Procedure 3.10.1, students having to withdraw from college because of Military Deployment (active duty personnel) while enrolled must complete a withdrawal form and submit to the Records Office along with a copy of military orders.

Disabilities Statement: The staff of Counseling and Career Services works to ensure that all educational programming and services are accessible to otherwise qualified students with disabilities. If you have a concern regarding the accessibility of websites, instructional materials, online courses and other electronic or information technology please contact Counseling and Career Services. It is the student’s responsibility to self-disclose as a student with a disability and to request accommodations prior to beginning a program or course. Please contact the staff of Counseling and Career Services at 803-822-3505 (AC) or 803-738-7636 (BC) or via email at disability@midlandstech.edu if you have any questions or concerns.

D2L: The D2L course management system may be used as a component of this course. The instructor may post PowerPoint presentations/lecture notes on D2L as well as other resources. The instructor will notify the student if and when items are posted in D2L either in class or via the students’ email accounts. Please refer to D2L information at http://www.midlandstech.edu/onlinelearning/ for additional information on D2L.

D2L Brightspace Help:
Online Learning Support Help Desk: Technical questions related to the operation and use of D2L Brightspace can be answered from our Support Help Desk. A response will be provided within one business day.
To login: use your MTC e-mail account username and password.
(Student Username Example: georgeasmith)
(Faculty Username Example: smithg)

D2L Brightspace Assistance: Technical questions related to the operation and use of D2L Brightspace can also be answered by leaving a voicemail at (803) 822-3561, or emailing D2LHelp@midlandstech.edu. A response will be provided within one business day.

MyMTC Help: For MyMTC log-in issues please call 803-738-7888.

Academic Dishonesty: For more information about academic dishonesty, see the Academic Affairs Student Guidelines and Expectations attached.

If you are suspected of cheating, your instructor will inform you. You may explain or refute the allegation. If your instructor still thinks the charges are founded, you will be referred to the Office of the AVP, SDS. Documentation is submitted to the Office of the AVP, SDS, by the instructor. You will then meet with either Dr. Holloway or Mr. Hayden. After the meeting, you will receive a letter with the sanction grade of zero (0) and any other sanctions deemed appropriate. You have the right to file an appeal. Once the hearing and the notice of the right to appeal have been completed, the instructor will be notified to apply the sanction grade of zero (0).

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Course Requirements: Students will prepare and make a presentation geared to anyone of the following:

1. Kindergarten class
2. Second graders
3. Fifth or sixth graders
4. Geriatric group

Each student will record a patient education presentation to an adult. Special requirements for this will be handed out separately.
Groups of students will develop and display a bulletin board.
Students will complete a dietary analysis.
Students will establish a wellness program and keep a diary on the progress.

Course Grading:
School presentations will be evaluated by the home room teacher.
Adult client "Client Education" presentation will be counted as an exam grade and evaluated by instructor.
Bulletin boards will be evaluated by faculty members and resident members of the appropriate institution and will be weighed as an exam grade.
Students will have special component requirements for nutrition listed in the nutrition class schedule.
**Presentations**  30%
1. Nutrition projects 1, 2, 3  6% each
2. School Presentations  6% each
3. Bulletin Board  6%

**All tests and wellness**  40%
Nutrition Test 1 & 2  8% each
Preventive Education Test 1, 2, 3  8% each

**Finals**  20%
Nutrition  10%
Preventive Education  10%

**PSCI, Professional Development**  10%
Nutrition  5%
Preventive Education  5%

Check the ADEP Policy and Procedure manual for PSCI explanation.

**Grading Scale:**

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<thead>
<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>92-100</td>
<td>A   Superior Work</td>
</tr>
<tr>
<td>83-91</td>
<td>B    Good Work</td>
</tr>
<tr>
<td>75-82</td>
<td>C    Average Work</td>
</tr>
<tr>
<td>0-74</td>
<td>F    Unsatisfactory Work</td>
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**PLEASE NOTE:** This is an abbreviated syllabus. Should change become necessary, the instructor reserves the right to adjust the requirements, pace, or scheduling of this course. Any change will be announced in class before it becomes effective.