THREE RIVERS COMMUNITY COLLEGE INTRODUCTION TO DENTAL HYGIENE DNT 105 COURSE SYLLABUS	
COURSE	**Introduction to Dental Hygiene I**
SEMESTER	**Fall Semester 2015**
CREDIT HOURS	**1 Credit Hour**
SCHEDULE AND LOCATION	**Monday 6:00 pm-7:45pm** **Room E 204**
COURSE INSTRUCTOR **CONTACT INFORMATION**	**Susan P. Kane, RDH, MS, MSW, LCSW** ***Professor will be available prior to, and following class, and also by appointment to confer with students.*** **Phone**: (860) 908-7338 **Email**: SKane@trcc.commnet.edu
COURSE TEXTBOOK	Bird D. and Robinson D. ***Torres and Ehrlich Modern Dental Assisting*** (11th Edition). St. Louis: Saunders Elsevier, 2015. Print.
LEARNING RESOURCES	• Evolve Web site resources Web Site: http://evolve.elsevier.com ○ **www.howjsay.com**
LIBRARY RESOURCE	○ ○ Students will utilize the Library to consult books and / or other resource materials for assignments.

ACCREDITATION

The UNH Dental Hygiene Program is accredited by the Commission on Dental Accreditation of the American Dental Association. To access information about accreditation of the dental hygiene program, please insert the following URL into your browser tab: www.ada.edu

COURSE DESCRIPTION

This course is designed to provide entry level dental hygiene students with an introduction to allied health education and to the profession of dental hygiene.

COURSE OBJECTIVES

At the completion of the DNT105 course, the student will be able to:

1. Value the role of the dental hygienist in the healthcare team.
2. Understand the evolution and history of the profession of dental hygiene.
3. Comprehend the educational background required for various members of the dental healthcare team.
4. Recognize potential career opportunities with the Associate and/or Bachelor of Science Degrees in Dental Hygiene.
5. Appreciate the role of the professional dental hygiene association.
6. Utilize professional and scientific terminology and nomenclature when describing the basic structures of the body, head and extra- and intra oral cavity.
7. Understand the initiation of gingival diseases.
8. Understand the process of dental caries.
9. Demonstrate the ability to maintain a healthy oral cavity.
10. Value personal oral health care habits.
11. Utilize professional written communication skills when completing class assignments.
12. Understand the academic policies of the UNH Dental Hygiene Program.

INTRODUCTION TO DENTAL HYGIENE I
LEARNING OUTCOMES

On completion of the ***Introduction to Dental Hygiene I*** course, the student dental hygienist will be able to achieve the following objectives:

Understand the role of the dental hygienist.

- Define dental hygiene.
- List and define the sequence of the dental hygiene process of care.
- Explain how one obtains licensure in CT.
- Examine the role of the ADA, Commission on Dental Accreditation.

Chapter 1
Understand the evolution and history of the profession of dental hygiene.

- Describe the professional environment and oral health needs that led to the development of an educational program for dental hygienists.
- Identify the individuals involved in the development of the profession of dental hygiene.
- Identify major landmarks in the history of the profession of dental hygiene.
- Discuss how dental hygiene programs have evolved since 1913.

Chapter 3
Value the role of the dental hygienist in the health care delivery system.

- Name the members of the dental health care team and describe their roles.
- Identify the minimal educational requirements for each member of the dental healthcare team.
- Describe the supportive services provided by other members of the dental healthcare team.
- Discuss potential/future career opportunities for dental hygienist.
- Relate a personal vision for her/his career as a dental hygienist.
- Identify the differences in the educational preparation for the dentist, dental hygienist, dental assistant, dental receptionist/office manager, and dental laboratory technician.
- Distinguish between basic job descriptions for each of the members of the dental healthcare team described above.
- Describe career opportunities available to dental hygienist with various levels of education, experience, and career goals.
- Identify the various professional organizations that represent dental hygienists nationally and internationally.
- Differentiate between the component, constituent, and national levels of the American Dental Hygienists' Association.
- Identify how the Student American Dental Hygienists' relates to ADHA.
- Identify how professional organizations function to provide support for health care workers.

Chapter 6
General Anatomy

- Define the terms: planes and body directions.
- Identify the planes and body directions used to divide the body into sections.
- List examples of planes and body directions.

Chapter 8
Oral Embryology and Histology

- Identify and describe the tissues / layers of the tooth.
- Identify and describe the components of the periodontium.
- Describe the various types of oral mucosa and give an example of each.

Chapter 9
Head and Neck Anatomy

- Identify the regions of the head.
- Identify the bones of the cranium and face.
- Define TMJ.
- Describe the action of the temporomandibular joint.

- Identify and describe the function of the location of the major and minor salivary glands.

Chapter 10
Landmarks of the Face and Oral Cavity
- Name and identify the landmarks of the face.
- Name and identify the landmarks of the oral cavity.
- Describe the structures found in the vestibular region of the oral cavity.
- Describe the area of the oral cavity proper.
- Describe the characteristics of normal gingival tissue.
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Chapter 11
Overview of the Dentition
- Name and identify the location of each of the tooth surfaces.
- Define the terminology used in identifying the landmarks of the teeth.
- Explain the differences between primary, mixed, and permanent dentitions.
- Designate teeth using the Universal system.

Chapter 12
Tooth Morphology
- Identify each tooth using the correct terms and Universal systems code numbers.
- Demonstrate knowledge of the location of each permanent tooth.
- Use the correct terminology when discussing features of the permanent dentition.

Chapter 13
Dental Caries
- Explain the process of dental caries.
- Name the risk factors for dental caries.
- Identify the infective agent in the caries process.
- Explain the role of saliva in oral health.
- Discuss the relationship between diet and dental caries.
- Distinguish between root caries and smooth surface caries.

Chapter 14
Understand the role of dental biofilm/plaque in the initiation of periodontal disease.
- Identify and describe the two main types of periodontal diseases.
- Explain the significance of plaque and calculus in relation to periodontal diseases.
- Identify the causes of gingivitis and periodontitis.

Chapter 14
Understand the role of tooth deposits in the initiation of oral diseases.
- Define acquired pellicle, food debris, materia alba, dental biofilm/plaque and dental calculus
- Distinguish between acquired pellicle, materia alba, dental biofilm/plaque, calculus, and stain based on clinical location, method of formation and means for removal.
- Differentiate between the principal methods for preventing the formation of each of the tooth deposits described above.

- Describe the basic disease-producing capability of each of the tooth deposits described above.

Chapter 15
Understand the Role of Preventive Dentistry

- Explain the goal of preventive dentistry.
- Identify sources of systemic fluoride.
- Describe the benefits of systemic and topical fluoride.
- Assist patients in understanding the benefits of preventive dentistry.
- Discuss techniques for educating patients in preventive care.
- Describe the Modified Bass method of tooth brushing.
- Describe the technique of flossing.
- Describe the process for cleaning a denture.

ADDITIONAL COURSE OBJECTIVES:

Develop a plan for personal oral self-care.

- Identify the basic mechanical devices available to disrupt dental biofilm.

Demonstrate the ability to maintain a healthy oral cavity.

- Integrate personal oral self-care plan into a daily routine.
- Demonstrate the ability to effectively disrupt dental biofilm on a daily basis.
- Document biofilm removal and visible changes in oral tissues as a result of plaque removal.

Utilize professional written communication skills when completing class assignments and scientific terminology and nomenclature when conversing with healthcare professionals.

- Utilize dental hygiene textbooks, the Internet (websites) or a medical dictionary to define scientific/professional terms.
- Define professional terms encountered in the classroom and in reading assignments.
- Integrate professional terminology into discussions with peers and faculty.
- Submit classroom assignments that have been prepared on a computer; submit assignments that are professional in appearance and have been “checked” for spelling and grammar errors.
- Describe your dental hygiene appointment at UNH Dental Clinic/dental office to assist with the integration of professional terms encountered in the classroom; and submit a written summary of that dental hygiene experience using the specified outline.

Understand the academic policies of the UNH Dental Hygiene Program.

- Read and describe the academic policies and procedures documented in the UNH Dental Hygiene Program Resource Manual, specific to entry into the sophomore clinical course sequence.

LECTURE EVALUATION PROCEDURES

A passing grade of **75%** must be earned in this course in order to continue on in the program course sequence. The lecture grade for DH 105 will be based on the following assignments and evaluations:

30% Midterm Exam
30% Final Exam
10% Written Summary of Dental Hygiene Appointment
20% 2 Quizzes
10% Anatomical Drawing of a Molar Tooth Surrounded by the Periodontium
100%

PERFORMANCE STANDARDS

The following information regarding grading/performance standards is taken from the UNH DH Resource Manual 2015-2016, and the Three Rivers Community College Grading Policy. The following grading scale is utilized for courses in the Dental Hygiene Program (those with a DH prefix and any independent study course utilized to fulfill Dental Hygiene Program requirements):

Dental Hygiene Grading Scale

95-100%	**A**	**(4.0)**
90-94	**A-**	**(3.7)**
87-89%	**B+**	**(3.3)**
85-86	**B**	**(3.0)**
80-84	**B-**	**(2.7)**
77-79%	**C+**	**(2.3)**
75-76	**C**	**(2.0)**
70-74	**C-**	**(1.7)**
67-69	**D+**	**(1.3)**
65-66	**D**	**(1.0)**
60-64	**D-**	**(0.7)**
< 64	**F**	**(0)**

THREE RIVERS COMMUNITY COLLEGE POLICIES AND PROCEDURES

DNT 105, Introduction to Dental Hygiene I abides by the **Institutional and Academic Policies** published in the 2015-2016 TRCC Catalog.

LECTURE ATTENDANCE POLICY

"All students are expected to attend regularly and promptly all their classes, appointments, and exercises. While the College recognizes that some absences may occasionally be necessary, these should be held to a minimum. A maximum of two weeks of absences will be permitted for illness and emergencies. ***The instructor has the right to dismiss from class any student who has been absent more than the maximum allowed.*** *According to the academic calendar, the last day to withdraw from a class is December 14, 2015.* Any students dismissed from DNT 105 after 12/14/15,

will receive a failing grade(F) if they are earning less than 75%, or a W, if passing (75% or greater) at the time of dismissal."

Should a student be unable to attend a class, please phone (860) 908-7338 and send an email to SKane@trcc.commnet.edu. Instructor absences will be posted on the classroom door, and individual emails will be sent out to students in the event that the instructor needs to cancel a class.

ABSENTEE POLICY FOR LECTURE TESTING

If a student is absent for an exam due to an illness or an emergency, they must make arrangements agreed upon by the course instructor to take a make-up exam **within a one-week period**. When a student is absent for a quiz, the student earns a zero, unless they have an illness or an emergency. ***When an illness or an emergency prevents the student from taking an exam or a quiz, the student must submit an official/professional written excuse to the instructor.***

COMPLETION OF ASSIGNMENTS

All written assignments are to computer generated: **spelling, punctuation, grammar, style and contents will be evaluated** on all assignments. Assignments with multiple pages are to be numbered and stapled, including a title page, prior to being submitted. **Assignments are due by midnight of the due date or the assignment will earn a zero. See due dates for the assignments on the lecture schedule. *Students who do not provide computer-generated written assignments will receive a grade of zero, no exceptions permitted.***

ACADEMIC INTEGRITY

Students participating in DNT 105 are expected to complete and submit their own work in accordance with the published Academic Integrity Policy for TRCC. ***"Academic integrity is essential to a useful education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the College. In this class and in the course of your academic career, present only your own best work; clearly document the sources of the material you use from others; and act at all time with honor."*** Students will be required to write, date, and sign Honor Statements similar to the following example; "I assert that the work presented in this assignment is my own original effort." Students refusing to write date, and sign Honor Statements will receive a zero for that assignment.

EMERGENCY CAMPUS NOTIFICATION SYSTEM

myCommNet Alert is a system that sends texts messages and emails to anyone signed up in the event of a campus emergency. Additionally, TRCC sends messages when the college is delayed or closed due to inclement weather. **All students are encouraged to sign up for myCommNet Alert.** A tutorial on how to sign up is available on the Educational Technology and Distance Learning Students page of the web site. Utilize the link below to access this information:
http://www.trcc.commnet.edu/div_it/educationaltechnology/Tutorials/myCommNetALert/MIR3.html

EMAIL COMMUNICATION

Any emails that need to be sent from the instructor to the student or vice versa, will be sent utilizing the TRCC provided email system. ***ALL students must have an email account with the .trcc.commnet.edu address. No personal emails will be sent from the instructor to the student.***

UNIVERSITY SUPPORT SERVICES

The College recognizes students often can use some help outside of class and offers academic assistance through several offices. In addition to talking with your instructor and advisor, we recommend you contact the Tutoring Academic Success Centers (TASC), Room C-117 next to the Learning Resource Center. TASC can provide assistance with study skills, test taking, writing skills, and basic English and mathematics skills. For an appointment, contact TASC @ (860) 892-5713 or email them http://www.trcc.commnet.edu/Div_academics/TASC/TASC.shtml. The Tutoring Center, The Writing Center, The math Lab, and the Language Arts Lab can all be accessed through the above number or link provided.

SPECIAL NEEDS

If you have a disability that may affect your progress in this course, please meet with a Disability Service Provider (DSP) as soon as possible. ***Please note that accommodations cannot be provided until you provide written authorization from a DSP. TRCC Disabilities Service Providers, Counseling and Advising Office is located in Room A-119.*** You can make an appointment with a DSP by calling (860) 383-5217. Please note: 1). For academic adjustments, you will have to provide documentation of your disability to the DSP. 2). Instructors ***cannot provide adjustments until you have delivered written authorization (from a DSP) to the instructor.*** 3). Adjustments take effect when you deliver your written authorization to the instructor in person (provided there is adequate time for the instructor to make necessary arrangements). 4). Adjustments **do not apply to tests/assignments that were due prior to your delivering written authorization to your instructor in person.**

CELLULAR PHONES AND PAGERS IN THE CLASSROOM

"Students are hereby notified that cellular phones and beepers are allowed in class only if they are turned off or turned to the silent mode. ***Under no circumstances are telephones to be answered in class.*** Students who ignore this policy may be asked to leave the class. When there are extenuating circumstances that may require a student to be available by phone or beeper, the student should speak to the instructor prior to class, so that together they arrive at an agreement concerning the devices.

DIGICATION

All students are required to maintain an online learning portfolio in Digication that uses the college template. Through this electronic tool students will have the opportunity to monitor their own growth in college-wide learning. The student will keep his/her learning portfolio and may continue to use the Digication account after graduation. A Three Rivers General Education Assessment Team will select and review random works to improve the college experience for all. Student work reviewed for assessment purposes will not include names and all student work will remain private and anonymous for college improvement purposes. Students will have the ability to integrate learning from the classroom, college, and life in general, which will provide additional learning opportunities. If desired, students will have the option to create multiple portfolios.

The course lecture schedule is tentative and subject to change per the course instructor.

DNT 105
LECTURE SCHEDULE 2015

DATE	TOPICS AND LEARNING ACTIVITES	READINGS
9/1/15 **Lecture 1**	• **Review the DNT 105 Course Syllabus** • **The Profession of Dental Hygiene** • **Roles and Functions of a Dental Hygienist** • **The History of Dental Hygiene**	**Chapter 1 (pgs. 7-12)**
9/15/15 **Lecture 2**	• **Review Dental Team Assignment—Roles and Responsibilities of the Dental Team** • **The Roles of the DH** • **The Role of the American Dental Hygienists' Association** • **Licensure for the Dental Hygienist** • **Roles and Functions of a Professional Dental Hygienist** • **State of CT Dental Hygiene Practice Act** • **General Anatomy: Planes and Body Directions** • **QUIZ 1**	**Chapter 3** **Search the Internet for information to complete the assignment:** The Roles and Responsibilities of the Dental Team **Chapter 6 (pgs. 49-50, Figure 6-1)**
9/22/15 **Lecture 3**	• **Overview of the Dentitions** • **Tooth Morphology** • **Head and Neck Anatomy**	**Chapter 8 (pgs. 90-104)** **Chapter 11 (pgs. 139-147; 149; 151-52)** **Chapter 12** **Chapter 9 (pgs 105-118)**
10/6/15 **Lecture 4**	• **Head and Neck Anatomy cont'd** • **Landmarks of the Face and Oral Cavity** • **MIDTERM EXAMINATION**	**Chapter 9 as above** **Chapter 10**
10/27/15 **Lecture 5**	• **Landmarks of the Face and Oral Cavity** • **Tooth Deposits** • **Structures of the Periodontium**	**Chapter 10** **Internet to look up tooth deposits** **Chapter 8 (pgs 99-103)**
11/10/15 **Lecture 6**	• **Periodontal Health and Disease** • **Dental Caries** • **QUIZ 2**	**Chapter 14 (pgs 189-198)** **Chapter 13 (pgs 174-179)**
11/17/15 **Lecture 7**	• **Dental Caries** • **ANATOMICAL DRAWING OF MOLAR TOOTH SURROUNDED BY PERIODONTIUM DUE**	**Chapter 14 (pgs 190-198)** **Chapter 13 (pgs 174-179**

11/24/15 **Lecture 8**	• **Preventive Dentistry** • **Oral Self Care Assessment/Techniques** • **WRITTEN SUMMARY OF DH APPT DUE**	**Chapter 15 (pgs. 200-219)**
12/8/15	**MAKE UP CLASS OR FINAL EXAMINATION (cumulative)** **12/15/15 FINAL EXAMINATION IF NEEDED**	**STUDY!!!**