



Student Course Document

**DAY Sections**

**D200 & D202**

<b>Course Code &amp; Titles:</b>	<b>DEN 1100 – Principles of Dental Hygiene Care I DEN 1100L – Clinical Laboratory Practice</b>
<b>Term:</b>	Fall 2016
<b>Coordinator:</b>	Prof. Susan Davide, RDH, MS, MEd
<b>Contact Information:</b>	Office Number: 718.260.5093, Office Location: Pearl 201 Email: <a href="mailto:sdavide@citytech.cuny.edu">sdavide@citytech.cuny.edu</a> or <i>CityTech OpenLab</i> digital platform
<b>Office Hours:</b>	Mondays 10:15 – 11:15 am or by appointment Wednesdays 4:30-5:30 pm or by appointment
<b>Seminar/Lecture Hours</b>	1 hour & 40 minutes per week
<b>Clinical/Laboratory Hours:</b>	6 hours per week
<b>Credits:</b>	4
<b>Prerequisites:</b>	CUNY proficiency in reading, writing and mathematics, department approval required
<b>Co-Requisite:</b>	DEN 1112
<b>Required Texts:</b>	E-Book forms of these textbook editions permissible 1. Gehrig, <u>Fundamentals of Periodontal Instrumentation</u> , 8 <sup>th</sup> Edition. ISBN 13: 978-1-4963-2020-9 2. Nield-Gehrig, <u>Patient Assessment Tutorials</u> , 3 <sup>rd</sup> Edition. ISBN 13: 978-1-4511-3148-2 3. Wilkins, <u>Clinical Practice of the Dental Hygienist</u> , 12 <sup>th</sup> Edition. ISBN 13: 978-1-4511-9311-4 4. Wyche, <u>Student Workbook for Clinical Practice of the Dental Hygienist</u> , 12 <sup>th</sup> ed ISBN 13: 978-1451195248 5. <u>Department of Dental Hygiene Student Clinic Manual 2016</u> , New York City College of Technology
<b>Optional Sources:</b>	<ul style="list-style-type: none"><li>• <b>Video:</b> <i>Precision in Periodontal Instrumentation (2<sup>nd</sup> Edition)</i> <a href="http://www.dhmethod.com/category">www.dhmethod.com/category</a></li><li>• <b>Textbooks (optional):</b> Any dental/medical handbook to assist with terminology Any Standard English dictionary</li></ul>

DEN 1100/1100L is an introduction to the didactic concepts and clinical techniques and principles involved in the practice of dental hygiene. Emphasis is on the principles of optimal patient care involving: aseptic techniques, patient assessment, personal oral hygiene and plaque control, fundamentals of instrumentation and related body mechanics, principle of instrument sharpening, and emerging modalities. Basic principles and elements of social and behavioral sciences are reinforced.

**Teaching Mission:** The faculty is committed to creating a learning environment for all students which promotes, encourages, and fosters high order thinking skills including critical thinking skills that are grounded in an understanding of the fundamental concepts of the disciplines of dental hygiene.

**Evaluation Procedures**

<b><u>DEN 1100 Course Grading Scale:</u></b>	
93-100.....	A
90-92.9.....	A-
87-89.9.....	B+
83-86.9.....	B
80-82.9.....	B-
77-79.9.....	C+
75-76.9.....	C
74.9-60.....	D
Below 59.9...	F

Course Assessment Method:

As per the department guidelines, all the DEN clinical courses have two components. **Each component must be passed independently**, in DEN1100 the passing grade for the course is a 75. This grading criterion is based upon the philosophy that a well educated Dental hygienist must be able to apply didactic knowledge to clinical practice. Additionally, the DH National Board Examinations have a grading criterion in which 75 is the passing grade.

**Component A (Seminar)** – This component of the DEN 1100 course is designed to provide students with the opportunity to develop competency in the theory pertaining to fundamental clinical dental hygiene skills. Successful completion of this component of the course is a prerequisite for progression into the subsequent clinical dental hygiene courses.

**Component B (Lab)** - This component of the DEN 1100 course is designed to teach the clinical skills necessary to engage in patient treatment. Therefore, successful completion of this component of the course is a prerequisite for progression into the subsequent clinical dental hygiene courses.

**Calculation of the DEN 1100 final course grade:**

**Step 1:**

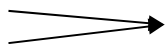
**Component A (numerical final grade) which must be a grade of 75 or higher to pass the DEN 1100 course**

**Component B (numerical final grade) which must be a grade of 75 or higher to pass the DEN 1100 course**

**Step 2:**

**Component A (75 or higher) X .50%**

**Component B (75 or higher) X .50%**



**Final DEN 1100 Course Grade**

<b>A) Didactics – Lecture/Seminar (50% of the total grade)</b> Seminar tests (3 total; 15 % each) 45 % Final examination (cumulative) 30 % Quizzes (4); may be unannounced 10 % Summer Library Assignment * 5 % Participation (Class & Openlab) 5 % Writing Assignment* (Greater NY Dental Meeting) <u>5 %</u> Component A = 100%	<b>B) Clinical (50% of the total grade)</b> Clinical Competencies (8) 65 % Mid-term Practicum 25 % Daily Professionalism 5 % Journal Writing Assignments (5) * <u>5 %</u> Component B = 100%
<p><b>Reminder:</b> each component (A &amp; B) must be passed independently with a grade of 75%. A student who does not pass <b>either</b> component (A or B) will be given a grade of D for the DEN 1100 Final Course Grade.          As per DH department policy, a grade of D or lower in the DEN 1100 course is failing and will require the student to select another major of study.</p>	

**Course Requirements:**

General:

1. Computer access is required to satisfy course requirements and to work within City Tech’s website:  
<http://www.citytech.cuny.edu/students/index.shtml>. If you do not have access to a computer and/or the Internet off-campus, be sure to note the hours of the open-access computer labs on campus. **All grades will be posted on Blackboard.**
2. An **active** student CityTech email account. <http://www.citytech.cuny.edu/students/index.shtml>  
 All course emails **must** be sent through the CityTech web mail system only.

Course Specific:

3. Daily access to CityTech’s *DEN1100 OpenLab* (information provided in welcome letter). Lectures, assignments and announcements will be posted here.
4. Students are expected to come prepared for seminar & clinic by completing all reading and workbook assignments in advance prior to scheduled topic date. This includes any additional assignments that may be given and journal writing assignments. **All course objectives, however, if not covered in detail during class time are the responsibility of the student to read and review.** Any concerns with materials and/or objectives should be brought to the attention of the coordinator.
5. Reading Assignments: readings assigned in *Clinical Practice of the Dental Hygienist* (Wilkins) for seminar/lecture dates require completion of the *Student Workbook for Clinical Practice of the Dental Hygienist* chapter component. The purpose is for supplementary understanding and reinforcement of topics read, in addition to being a resourceful study tool.
6. Items needed at every Seminar/lecture class: typodont, one set of instruments, safety eyewear, hand putty  
Items needed at all clinic sessions: typodont, FPI textbook, clinical supplies, hand putty, and NYCCT *Student Clinic Manual*
7. **Students are required to act as patients in all simulated clinical practices & exercises.**
8. Mandatory attendance at the *Greater New York Dental Meeting*, Sunday, November 27, 2016.

## Course Policies:

### 1) Attendance

As stated in the College Catalog, students are permitted to be absent for 10% of the session. Refer to pages 31-32 in NYCCT College Catalog. However, to ensure success in DEN 1100, only a **total of 2 absences** (1 in seminar, 1 in clinic) are allowed. DEN1100 = 1 absence; DEN1100L = 1 absence.

NYCCT College Catalog 2016-2017: <http://www.citytech.cuny.edu/catalog/docs/catalog.pdf>

Component A (Seminar): Attendance is mandatory and is taken promptly at start time (8 am).

Component B (Clinic): Attendance is mandatory taken at 8:45 am. Students are considered **late** if they are not in full uniform (hair and grooming complete) **15 minutes prior** to the start of clinic.

If you anticipate being absent or arriving late, email the coordinator immediately ([sdavide@citytech.cuny.edu](mailto:sdavide@citytech.cuny.edu)) and lead clinic instructor for the day **and** contact a fellow class mate in short notice, who will notify course coordinator and/or clinical instructor. **YOU WILL STILL BE MARKED LATE OR ABSENT.**

**Lateness Policy:** Chronic lateness in either component A or B will incur the following point deductions in that component's numerical final grade.

Component A (Seminar):

3 lateness = 1 point

4-6 lateness = 5 points

>7 lateness = 10 points

Component B (Clinic):

3 lateness = 1 point

4-6 lateness = 5 points

>7 lateness = 10 points

If late more than 15 minutes, students are marked as absent with **3 lateness' equaling 1 absence.**

Refer to page 32 in NYCCT College Catalog. <http://www.citytech.cuny.edu/catalog/docs/catalog.pdf>

Students are responsible for all assignments missed due to absence or lateness (assignments must be sent via email to coordinator or clinical instructor (journal assignment) with coordinator Carbon Copied (cc).

\* = Course assignments handed in late will incur point deductions as follows: 5 points per day, *regardless of circumstances*. Assignments can be submitted electronically via email attachment.

Greater NY Dental Meeting (GNYDM): Non-attendance will result in a zero grade for Writing Assignment.

### 2) Professionalism:

As per the NYCCT Dental Hygiene Student Manual the following will be taken into consideration in determining the final grade; rapport with instructors, peers; punctuality, grooming, proper care and use of clinic equipment; adherence to established procedures and behaviors; and unethical or unprofessional behavior (stealing and cheating). Cheating will result in a zero grade for that quiz/exam **PLUS** ten (10) points deducted from the **FINAL COURSE GRADE**.

**TEN (10) points** will be deducted from the **Final Course Grade** for noncompliance with the above standards of professionalism and in the event that this point deduction creates a grade below 75, the student will not be allowed to progress in the program.

3) **Dental Hygiene Department Policy on Retesting:** No student in any dental hygiene course will be retested in any examination for any reason. A failing grade on a quiz/examination will remain and be averaged with all other course grades.

#### 4) DEN 1100 Testing Policy and Procedures:

DEN1100: It is expected that students will take all quizzes, exam and clinical skills exams on the scheduled dates. If you arrive late to class you will NOT be given additional time.

A) **Seminar:** A missed quiz or exam will result in a zero. Should you have an excused absence (with proper documentation); a modified quiz/exam which will be schedule by the DEN 1100 coordinator and which maybe formatted to include essay and short answer questions.

B) **Clinic:** Clinic competency skills are conducted on each other; student partners (one student being the patient & the other is the clinician, being examined and then you switch roles during the same clinic session). An absence on a scheduled clinical skill exam affects the partner's progress as well, including the inconvenience of rearranging the student ratio for the entire clinic for the student who is present that day. **Thus, there will be NO MAKE-UP examinations for clinic competency skills exams.** If an emergency situation should arise, the Course Coordinator must be notified immediately and a conference appointment must be scheduled within a week (proper documentation provided & accepted).

- No clinical instructor has the authority to over-ride this policy at his or her discretion.

#### 5) NEW YORK CITY COLLEGE OF TECHNOLOGY POLICY on ACADEMIC INTEGRITY:

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic dishonesty is prohibited in The City University of New York and at New York City College of Technology and is punishable by penalties, including failing grades, suspension, and expulsion. The complete text of the College Policy on Academic Integrity may be found on page 60 in *City Tech's 2015-2016 Course Catalog*: <http://www.citytech.cuny.edu/catalog/docs/catalog.pdf>

#### 6) Optional:

##### **Campus Resources:**

The Atrium Learning Center (ALC) through its extensive computer labs, workshops and tutoring offers assistance to students across the entire college population. Students may borrow books, audio and video tapes for use in the learning center and the borrowing student's ID card will be held in the LC library until the materials are returned.

Video: ***Precision in Periodontal Instrumentation*** (2<sup>nd</sup> Edition) and mounts for typodonts are available for extra practice; no appointment needed. Bring your instruments, typodonts, textbooks & safety eyewear. Located: Atrium Building G-1

##### **Teaching Philosophy**

**Learning Experience:** This course will utilize several approaches to teaching including but not limited to Blackboard, PowerPoint, group discussions; lecture and lab activities to accomplish the stated objectives. Student Manual, Textbooks, Power Point Presentations, Videos, Openlab digital platform, Student Instrument kits, Typodonts, Calculus Detection Pro, paper Journals, Student Response System and clinical practice.

**Critical Thinking:** High order and critical thinking skills are defined as applying theories or concepts to practical problems or new situations; analyzing the basic elements of an idea, experience, or theory; making judgments about the value or soundness of information, arguments, or methods; and synthesizing and organizing ideas and information in new ways.

**Critical Thinking Activities:** Students are introduced to the basics of the dental hygiene process of care throughout the semester by utilizing case scenarios. These scenarios provide students with the opportunity to become aware of and discuss clinical problems from real-life practice. Each case will contain knowledge-based testing, as well as decision-making questions and fosters an appreciation between theory and clinical practice.

## DEN 1100 COURSE OBJECTIVES and STUDENT LEARNING OUTCOMES (SLO):

Degree of Mastery - Introductory

Reinforced in: 1200/1200L, 2300/2300L, 2400/2400L.

Upon completion of this course the dental hygiene student will be able to:

### 1. Topic: Medical Emergencies - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding of the clinic emergency medical procedures by:

- a. identify the location and operate the oxygen tank (C1) (C3) (C6)
- b. identify the location of the emergency kit and AED (C1) (C3) (C6)
- c. discuss the contents of the emergency kit and each item's intended purpose (C1) (C3) (C6)
- d. identify the locations and use of clinic eye wash stations (C1) (C3)(C6)
- e. understand the college's Post Exposure Protocol (PEP) policy, form location, form information and completion (C1) (C3) (C6)
- f. explain and conduct clinic emergency procedures for student and patient life threatening and non-life threatening situations (C1-C5, C9-C11)(PC 1) (PC4)

#### **Gen ED SLO's:**

Critical Thinking  
Ethical Reasoning  
Oral Communication  
Teamwork

### 2. Topic: Infection Control- **DISCIPLINE KNOWLEDGE**

Demonstrate proficiency in infection control guidelines and techniques by:

- a. understanding state, federal and local regulations and statutes (C1-2) (C8) (HP6)
- b. understanding occupational risk exposure to infectious materials and using Standard Precautions (C1-5) (C8) (HP6)
- c. understanding the recommendations to dental health care professionals to prevent and reduce the potential for disease transmission (Personal Protective Equipment, immunizations, monitoring, etc.) (C1-6) (C8) (C11) (HP6)
- d. using Personal Protective Equipment (PPE) in a methodical order, including hand hygiene (C1-2) (C6) (C8) (HP6)
- e. understanding and demonstrating the clinical procedures & general rules for cubicle preparation/breakdown, equipment use and maintenance, surface disinfection, barrier control and proper cross-contamination prevention techniques (C1-2) (C8) (HP6)
- f. demonstrating the clinical procedures to prepare instruments for disinfection and sterilization (C1-2) (C8) (HP6)

#### **Gen ED SLO's:**

Critical Thinking  
Ethical Reasoning  
Oral Communication  
Teamwork

### 3. Topic: Communication Skills - **DISCIPLINE KNOWLEDGE**

Demonstrate proficiency using communication techniques for assessment by:

- a. understanding the communication process and communicating with patients (C1) (C5) (C9) (C11) (HP2)
- b. understanding roadblocks to effective communication and making healthcare words understandable (C1) (C5) (C9) (C11) (HP2)
- c. overcoming language barriers (C1) (C5) (C9) (C11) (HP2)

#### **Gen ED SLO's:**

Ethical reasoning  
Inquiry and Analysis  
Intercultural Knowledge and Competence  
Oral Communication

### 4. Topic: Medical/Dental History and Vital Signs - **DISCIPLINE KNOWLEDGE**

Demonstrate proficiency in assessment skills including:

- a. understanding the medical history assessment and informed consent (C1-6) (C8-11) (PC1)
- b. conducting, reviewing, interpreting and discussion of a medical history assessment (C1-6) (C8-11) (PC1)
- c. conducting, reviewing, interpreting and discussion of a dental history assessment (C1-6) (C8-11) (PC1)
- d. conducting, reviewing, interpreting and discussion of vital signs: pulse & blood pressure assessment, equipment use,

measurement and documentation of results (C1-6) (C8-11) (PC1)

**Gen ED SLO's:**

Critical Thinking  
Ethical Reasoning  
Inquiry and Analysis  
Intercultural Knowledge and Competence  
Oral Communication  
Writing

5. Topic: Ergonomics - **DISCIPLINE KNOWLEDGE**

Develop an understanding of ergonomics as it relates to proper positioning of the clinician, patient and equipment in the dental operator by:

- a. identifying and demonstrating optimum clinician, patient and tray positioning (C1-2) (C3-6) (C8) (HP6)
- b. describing the proper method for adjusting the dental light to illuminate the oral cavity (C1-2) (C5-6) (C8) (C11)
- c. identifying ergonomic hazards or work related musculoskeletal disorders related to incorrect clinician and patient positioning (C2-6) (C8) (C11) (HP6)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning

6. Topic: Instrument Design & Classification, Grasp/Finger Rests, Movement & Orientation to Tooth Surface, Adaptation & Instrument Strokes - **DISCIPLINE KNOWLEDGE**

Understand the principles of instrumentation utilized for all instruments and/or equipment in the dental hygiene operator by:

- a. describing and labeling the three parts of a dental instrument (C5-6) (C8)
- b. identifying dental instruments according to classification and design (C5-6) (C8)
- c. describing the modified pen grasp (C5-6) (C8)
- d. explaining the purposes of a modified pen grasp (C5-6) (C8)
- e. explaining the basic principles to be followed in establishing a fulcrum location (C5-6) (C8)
- f. stating the purpose and principles of: instrument adaptation, instrument insertion, instrument activation and instrument angulation with each hand activated instrument (C5-6) (C8) (HP5)
- g. differentiating between working and exploratory/assessment strokes (C5-6) (C8) (HP5)
- h. describing lateral pressure and its relationship to the working stroke (C5-6) (C8) (HP5)
- i. identifying the parts of the working end; face, back, lateral borders and cutting edge (C5-6) (C8)
- j. identifying instruments according to design features of the working end, design name and number (C5-6) (C8)
- k. describe the following strokes; vertical, horizontal, oblique (C5-6) (C8) (HP5)
- j. explain the importance of instrument sharpening and describe and demonstrate technique (C5-6) (C8) (HP5)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning

7. Topic: Air / Water Syringe - **DISCIPLINE KNOWLEDGE**

Understand the use of the dental mirror and compressed air and water syringe by:

- a. stating and demonstrating the uses of the mouth mirror for retraction, indirect illumination, indirect vision and transillumination (C1-3) (C5) (C8) (HP6)
- b. stating the purposes of using compressed air and water irrigation (C5) (C8) (HP6)
- c. demonstrating the techniques for using compressed air safely and effectively (C5) (C8) (HP6)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning

8. Topic: Explorers, Periodontal Probe - **DISCIPLINE KNOWLEDGE**

Understand the use of assessment and evaluation instruments by:

- a. identifying the uses for explorers (C5) (C8) (P1-2) (HP6)
- b. identifying the types of explorers available by design and stating their functions and limitations (C5) (C8) (P1)
- c. describing the key factors in the proper instrumentation technique used with explorers (C5) (C8) (P1)
- d. identifying by design, the periodontal probe and the reference markings on it (C5) (C8) (P1-2)
- e. explaining the basic uses of the periodontal probe (C5) (C8) (P1-2) (HP6)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning  
Oral Communication  
Quantitative Literacy

9. Topic: Periodontal Charting - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding in periodontal assessment and periodontal charting by:

- a. differentiating and identifying the various types of probes (C2) (C3-6) (C8) (C10-11)
- b. explaining the basic use of the periodontal probe including the following: (C2) (C3-6) (C8) (C10-11) (PC1)
  - 1. probing depths
  - 2. measurement of gingival recession
  - 3. clinical attachment level (CAL)
  - 4. mucogingival examination
  - 5. furcation involvement
  - 6. mobility
  - 7. measuring lesions
- c. describing the selection and proper technique for instrumentation with the probe (C2) (C3-6) (C8)
- d. describing the components of comprehensive periodontal charting and discussing the methods of determining and recording each component (C2) (C3-6) (C8) (C10-11) (PC1)

**Gen ED SLO's:**

Critical Thinking  
 Foundations and Skills for Lifelong Learning  
 Information Literacy  
 Inquiry and Analysis  
 Oral Communication  
 Quantitative Literacy

10. Topic: Sickle Scalars, Universal Curets, Area Specific Curets, Instrument Sharpening

**DISCIPLINE KNOWLEDGE**

Develop proficiency in the use of various hand activated scaling instruments by:

- a. identifying a sickle scaler by design including anterior and posterior scalars (C5) (C8) (P1-2) (HP6)
- b. describing the uses, limitations and contraindications of sickle scalars (C5) (C8) (P1-2) (HP6)
- c. describing the hand activated strokes (exploratory and working) to be used with various instruments (C5) (C8) (P1-2) (HP6)
- d. identifying a curet according to its shape and design characteristics (C5) (C8) (P1-2) (HP6)
- e. describing the design characteristics of all area specific curets (C5) (C8) (P1-2) (HP6)
- f. describing the differences between universal and area specific curets (C5) (C8) (P1-2) (HP6)
- g. describing the correct sequence for use of sickles, universal curets, area specific curets (C5) (C8) (P1-2) (HP6)
- h. explaining how to determine the correct working end of any hand activated instrument (C5) (C8) (P1-2) (HP6)
- i. identifying a dull instrument and demonstrate moving stone sharpening technique (C5) (C8) (P1-2) (HP6)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning  
 Integrative Learning  
 Oral Communication  
 Quantitative Literacy

11. Topic: Accretions: Biofilm and other Soft Deposits, Calculus & Calculus Detection - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding of soft and hard deposits by:

- a. explaining soft deposits: acquired pellicle, dental biofilm material alba and food debris
- b. defining and stating the classification, distribution, and significance of soft deposits and calculus (C3-6) (C10)
- b. stating the composition of inorganic/organic contents of various soft and hard deposits (C3-6) (C10)
- c. describe the formation process of calculus (C9)
- d. identify clinical characteristics calculus (PC1)
- e. explain the prevention and removal of calculus using instruments and patient education physiotherapy aides (C1-3) (C5) (C8-11) (PC1) (PC40)

**Gen ED SLO's:**

Critical Thinking  
 Foundations and Skills for Lifelong Learning  
 Information Literacy  
 Inquiry and Analysis  
 Integrative Learning  
 Oral Communication

12. Topic: Oral Physiotherapy: Tooth brushing methods & flossing, Plaque Index: OHI-S; simplified debris index and Patient Motivation - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding of oral physiotherapy aids and methods for health promotion and disease prevention by:

- a. defining and stating the objectives of oral physiotherapy (C3-5) (PC1) (PC4)
- b. stating the desirable characteristics of a toothbrush, including handle, head and bristles (C3-5)
- c. stating the purposes, indications, techniques and problems for the various tooth brushing methods (C3-5) (PC1) (PC4)



- d. explaining the effects of improper tooth brushing on the gingival and teeth and demonstrate corrective measures to improve, demonstrating interdental biofilm removal using floss (C3-5) (PC1) (PC4)
- e. conducting a Plaque Index and stating the importance of plaque removal for optimum oral health (C3-5) (PC1) (PC4)
- f. describing the various methods for using dental floss (C3-5) (PC1) (PC4)
- g. explain the steps in a preventive program, identify the need to conduct preventive counseling and describe the proper setting
- h. describe the importance of partnering with the patient to come up with a plan for change
- i. describe and explain the methods of motivational interviewing

**Gen ED SLO's:**

Critical Thinking  
 Ethical Reasoning  
 Foundations and Skills for Lifelong Learning  
 Information Literacy  
 Inquiry and Analysis  
 Integrative Learning  
 Intercultural Knowledge and Competence  
 Oral Communication

13. Topic: Gingival Examination & Assessment - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding of gingival assessment by:

- a. recognizing normal periodontal tissues (C3-5) (C10) (PC1)
- b. knowing the clinical features of the periodontal issues that must be examined for a complete assessment (C3-5) (C10) (PC1)
- c. compares and contrasts the color, contour, and consistency of the gingival tissue in both health and disease (C3-5) (C10) (PC1)
- d. differentiating between key gingival terms; papillary, bulbous, marginal, blunted, diffuse, cratered, enlarged, nodular, fibrotic (C3-5) (C10) (PC1)
- e. discussing the factors that affect the color, contour, and consistency of the gingival tissue (C3-5) (C9-10) (PC1)

**Gen ED SLO's:**

Critical Thinking  
 Foundations and Skills for Lifelong Learning  
 Information Literacy  
 Oral Communication

14. Topic: Extra-oral/Intra-oral Examination, Soft Tissue Lesion Identification - **DISCIPLINE KNOWLEDGE**

Demonstrate competency performing and extra oral and intra oral examination by:

- a. recognize the normal anatomy of the structures of the head and neck (C1) (C3-5) (C10) (PC1)
- b. recognize deviations from normal of the head and neck: on the skin, lymph nodes, salivary, and thyroid glands (C1) (C3-5) (C10) (PC1)
- c. position the patient correctly for the head and neck examination (C1) (C3-5) (C10-11) (PC1)
- d. demonstrate the head and neck examination using correct technique and a systematic sequence of examination (C1) (C3-5) (C10-11) (HP6) (PC1)
- e. recognize the normal anatomy of the oral cavity (C1) (C3-5) (C10-11) (HP6) (PC1)
- f. locate the following anatomical structures: parotid ducts, sublingual fold, sublingual caruncles, papillae, anterior and posterior pillars/columns, and tonsils (C1) (C3-5) (C10-11) (HP6) (PC1)
- g. recognize deviations from normal in the oral cavity (C1) (C3-5) (C10-11) (HP6) (PC1)
- h. position the patient correctly for the oral examination (C1) (C3-5) (C10-11) (HP6) (PC1)
- i. demonstrate the oral examination using correct technique and a systemic sequence of examination (C1) (C3-5) (C10-11) (HP6) (PC1)
- j. demonstrate knowledge of the soft tissue findings (C1) (C3-5) (C10-11) (HP6) (PC1)
- k. document all findings in patient record accurately (C1) (C3-5) (C10-11) (HP6) (PC1)

**Gen ED SLO's:**

Critical Thinking  
 Ethical Reasoning  
 Foundations and Skills for Lifelong Learning  
 Inquiry and Analysis  
 Intercultural Knowledge and Competence  
 Oral Communication

15. Topic: The Teeth & Dental Charting - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding of dental charting by:

- a. discussing the purposes of charting the hard and soft tissues of the oral cavity (C3-5) (C9-11) (PC1)

- b. explain the difference between the types of restorative materials used (C3-5) (C9-11) (PC1)
- c. discuss G.V. Blacks classification for dental caries and restorations and determine, from a description, picture, or drawing the appropriate classification for the carious lesion or restoration present (C3-5) (C9-11) (PC1)
- d. discuss the findings of the hard tissue examination (C3-5) (C9-11) (PC1) (PC2)

**Gen ED SLO's:**

Critical Thinking  
 Foundations and Skills for Lifelong Learning  
 Inquiry and Analysis  
 Oral Communication

16. Topic: Extrinsic/Intrinsic Stains & Extrinsic Stain Removal - **DISCIPLINE KNOWLEDGE**

Demonstrate an understanding in extrinsic stain removal and selective polishing by:

- a. discussing the purposes for stain removal and indications and contraindications for polishing (C3-5) (C9-11) (PC1)
- b. describe the various types of stains including; extrinsic, intrinsic, endogenous, exogenous (C3-5) (C9-11) (PC1)
- c. explain the differences between cleaning and polishing agents (C3-5) (C9-11)
- d. identifying and describing the various cleaning and abrasive agents used in various polishing pastes (C3-5) (C9-11)
- e. describing the technique and sequence to be followed in polishing with a prophylaxis angle and rubber cup (C3-5) (C9-11)

**Gen ED SLO's:**

Foundations and Skills for Lifelong Learning  
 Inquiry and Analysis  
 Integrative Learning  
 Oral Communication

**Topics to be Presented**

**COURSE OUTLINE:**

Medical Emergency in the Dental Office

Dental Hygiene Introduction/Scope of Practice

Infection Control

Communication Skills

Medical/Dental History

Vital Signs

Ergonomics

Grasp/Finger Rests

Mouth Mirror Uses

**READING ASSIGNMENT:**

Medical Emergency & Dental Office ppt  
Infection Control & Safety Library Reserve  
 Wilkins: Chapter 4, 8

Wilkins (W): Section 1, Chapter 1  
NYCCT Dental Hygiene Student Clinic Manual 2016  
 Sections I, II & III: Introduction, Department Policies and  
 Dental Hygiene Clinical Policies

W Chapter 5, 6  
NYCCT Dental Hygiene Student Clinic Manual 2016  
 Section IV: Infection Control

W: Chapter 3  
 Patient Assessment Tutorials (PAT): Modules 1-3

W: Chapter 10  
 PAT: Modules 4, 5  
NYCCT Dental Hygiene Student Clinic Manual 2016  
 Section VI: Dental & Periodontal Charting Guidelines

W: Chapter 11  
 PAT: Modules 7-9

W: Chapter 39  
 Fundamentals of Periodontal Instrumentation (FPI):  
 Modules 1, 2, Appendix 1B

W: Chapter 39  
 FPI: Modules 3-7

W: Pages 328-329

	FPI: Module 4
Air / Water Syringe Uses	W: Pages 329-330
Instrument Design & Classification Movement & Orientation to Tooth Surface	W: Chapter 39 FPI: Modules 8, 9
Periodontal Probe	W: Chapters 18, 20 FPI: Module 12
Adaptation & Instrument Strokes	W; Chapter 39 FPI: Modules 10, 11
Explorers	W: Chapter 20 FPI: Module 13
Accretions: Biofilm and other Soft Deposits	W: Chapter 15
Calculus & Calculus Detection	W: Chapter 21
Plaque Index: OHI-S; simplified debris index	W: Chapter 23 - Pages 370-371, 376-378
Oral Physiotherapy: Tooth brushing methods & flossing	W: Chapters 28, 29
Patient Motivation	W: Chapter 26
Sickle Scalers	W: Chapter 39 FPI: Module 15
Angulation & Calculus Removal	W: Chapter 39 FPI: Modules 11, 14, 16
Universal Curet	W: Chapter 39 FPI: Module 17
Extra-oral/Intra-oral Examination	PAT: Modules 12, 13
Area Specific Curets	W: Chapter 39 FPI: Module 19
Gingival Examination & Assessment	W: Chapter 18 PAT: Module 14
Soft Tissue Lesion Identification	W: Chapter 12 PAT: Module 11
Shepherd's Hook Explorer	W: Chapter 20 FPI: Module 13
The Teeth & Dental Charting	W: Chapter 16, 17
Instrument Sharpening	W: Chapter 40 FPI: Module 23, 24
Periodontal Charting	W: Chapter 18, 20 <u>NYCCT Dental Hygiene Student Clinic Manual 2016</u> Section VI: Dental & Periodontal Charting Guidelines
Extrinsic/Intrinsic Stains	W: Chapter 22
Extrinsic Stain Removal	W: Chapter 45

**NEW YORK CITY COLLEGE OF TECHNOLOGY POLICY on ACADEMIC INTEGRITY:**

Students and all others who work with information, ideas, texts, images, music, inventions, and other intellectual property owe their audience and sources accuracy and honesty in using, crediting, and citing sources. As a community of intellectual and professional workers, the College recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic dishonesty is prohibited in The City University of New York and at New York City College of Technology and is punishable by penalties, including failing grades, suspension, and expulsion. The complete text of the College Policy on Academic Integrity may be found on page 60 in *City Tech's 2015-2016 Course Catalog*: <http://www.citytech.cuny.edu/catalog/docs/catalog.pdf>

I \_\_\_\_\_, acknowledge receipt of the Den 1100/1100L Student Course Document and 2016 *Dental Hygiene Student Clinic Manual* including above link to *CityTech's Academic Integrity Policy*. It is my responsibility to familiarize myself with the rules and regulations contained in these documents. Any questions should be addressed to the Coordinator listed on the front page of this course outline/syllabus.

Failure to follow the protocol set forth in these documents may result in point deductions on your Final Course Grade for this course.

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**Student's  
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