



**DHYG 1050 Preclinical Dental Hygiene Lab  
COURSE SYLLABUS  
Fall Semester 2020**

**COURSE INFORMATION**

Credit Hours/Minutes: 2 Semester Credit Hours and 4500 Minutes  
Campus/Class Location: Vidalia/Health Sciences Annex C, Dental Hygiene Clinic  
Class Meets: Monday 8:00-3:00  
Course Reference Number (CRN): 20220

**INSTRUCTOR CONTACT INFORMATION**

Course Director: Melanie Bryson, RDH, BS  
Additional Clinical Instructor: Lori DeFore, RDH, BS, Bth  
Additional Clinical Instructor: Amy Morris, RDH  
Email Address: Melanie Bryson ([mbryson@southeasterntech.edu](mailto:mbryson@southeasterntech.edu))  
Campus/Office Location: Vidalia Campus, Health Sciences Annex C, Office 910  
Office Hours: Monday 3:00-5:00; Tuesday 3:00-5:00; Wednesday 8:00-12:00; Thursday 1:00-3:00  
Phone: 912-538-3250  
Fax Number: 912-538-3278

**SOUTHEASTERN TECHNICAL COLLEGE’S (STC) CATALOG AND HANDBOOK**

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College’s Catalog and Handbook (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

**REQUIRED TEXTS & DVD**

Wilkins’ Clinical Practice of the Dental Hygienist. Thirteenth edition. Wilkins. 2021. Jones and Bartlett Learning.  
Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation. Enhanced Edition. Eighth edition. Gehrig. 2017. Jones and Bartlett Learning.  
Southeastern Technical College Dental Hygiene Clinic Manual  
Precision in Periodontal Instrumentation. Second edition. DVD. Leseica. 2010.

**REFERENCE TEXT**

From Policy to Practice. OSAP’s Guide to the CDC Guidelines. OSAP. 2019

**REQUIRED SUPPLIES**

Simply Hygiene	Bookstore	Additional Supplies
Nitrile exam gloves Fluid Resistant Earloop Mask	Hu-Friedy first year instrument kit	Scrubs and clinic shoes Padlock for locker

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Hurrievue Plaque Indicator Cotton Tip Applicator Faceshield Bouffant Cap Bib-Eze Bib Holder Slip-n-Grip Full Chair Cover Gown Knit Cuff Saliva Ejector Flat Tray B Ritter Teal Tray Cover Floss dispenser plastic empty Floss J&J Mint Wax AW Syringe Tip Safe-Tips Bibs Aqua Sponge 2x2 Smartfilm Overgloves	IMS Lilac Utility gloves Typodont	2 or 2 ½ inch 3-ring binder Clipboard – no cloth or ribbons – easy to disinfect Color pencils: blue, green, red Pens (black) Highlighter Composition Journal - Spinal bound only Loose-leaf notebook paper Calculator Glycerin Folding sandwich bags Post-it notes & flags Magnification loupes Plastic carrying case for instruments, loupes, and typodont – approximately 10-12H x 14-15H x 6-10D Paper cups 9 oz. Timer Patient safety glasses Omron 7 Series Wireless Wrist Blood Pressure Monitor Braun No-Touch Digital Thermometer Masking tape-white 1 inch Patient hand mirror- approx. 11 inches White/Black/Navy rolling cart- 4 drawers
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**Students should not share login credentials with others and should change passwords periodically to maintain security.**

### **COURSE DESCRIPTION**

Provides fundamental skills to be utilized in the delivery of optimum patient care by the dental hygienist. Topics include: asepsis, ethics and professionalism, emergencies, patient assessment, patient and clinician positioning, instrumentation, charting, occlusion and caries.

### **MAJOR COURSE COMPETENCIES (CC)**

1. Asepsis
2. Ethics and Professionalism
3. Emergencies
4. Patient Assessment
5. Patient and Clinician Positioning
6. Instrumentation
7. Charting
8. Occlusion
9. Caries

### **PREREQUISITE**

Program Admission

**COREQUISITE**

DHYG 1040 Preclinical Dental Hygiene Lecture

**GENERAL EDUCATION CORE COMPETENCIES**

Southeastern Technical College has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

**STUDENT REQUIREMENTS**

Students are responsible for policies and procedures in the STC E-Catalog, Dental Hygiene Handbook, and Dental Hygiene Clinic Manual. During the clinic session, the students are required to place all textbooks (unless otherwise stated by the instructor) and personal property in their designated lockers. Students should have the designated items used for the clinic procedures. No talking is allowed in the clinical area.

Students should be in clinical attire for all clinical lab sessions. Students are required to obtain any student study materials from the course Materials Drive: M/Dental Hygiene/DHYG 1040/1050. Print any materials available to be used in this class. Students are advised to check their e-mails regularly for any additional information that is related to the class or the Dental Hygiene Program.

Additional Clinic/Lab time, outside of class, may be necessary in this course to be successful with fundamental skills utilized in the delivery of patient care and remediation. The clinic is available to students for the additional practice of skills but is not available for additional time for completion of patient care competencies/requirements. Students must seek permission from an instructor prior to utilizing additional clinical time for instrumentation skills practice. Students must also sign in on the clipboard in the reception area.

Students are expected to exhibit professional behavior at all times. Each student must show respect and concern for fellow students and for the course instructors/supervising dentists. Insubordination will not be tolerated, and disciplinary measures will be enacted. No cell phones or smart electronic devices are allowed to be turned on in the classroom, clinic, or locker area. If a student is observed in possession of his/her cell phone or smart electronic device during clinic time (7:00- 5:30), a critical incident will be issued. There are no exceptions to this rule and do not ask. If you have a personal situation going on, please advise your instructor and give your family the clinic receptionist's phone number for emergency contact. You should not have your cell phone or smart electronic device in the clinic! Personal phone calls must be handled after class.

Prior to the discussion of each chapter, demonstration, and practice in each class/clinic session, the student is expected to complete the following assignments in order to adequately prepare and utilize clinic laboratory time:

1. Go to M Drive/ Dental Hygiene/ DHYG 1050 to print any course materials and skill evaluations; maintain printed course materials on clipboard and bring to all preclinic sessions; keep extra copy of course materials in course notebook/Dental Hygiene Clinic Manual
2. Read the assigned chapters and applicable skill evaluations prior to each clinic session

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3. View applicable videos assigned in the lesson plan, take notes, and maintain in course notebook that contains Dental Hygiene Clinic Manual
4. Prepare to actively participate in the clinic session activities, discussions, and skills
5. Study and know the applicable DHYG 1040 lecture material
6. Check emails regularly for any additional information that is related to the class or Dental Hygiene Program

### **COVID-19 MASK REQUIREMENT**

Masks or face coverings must be worn at all times while on the campus of Southeastern Technical College. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC). A student's refusal to wear a mask or face covering will be considered a classroom disruption and the student may be asked to leave campus and/or receive further discipline.

### **COVID-19 SIGNS AND SYMPTOMS**

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

<b>COVID-19 Key Symptoms</b>
Fever or felt feverish
Cough: new or worsening, not attributed to another health condition
Shortness of breath, not attributed to another health condition
New loss of taste or smell
Chills; Repeated shaking with chills
Sore throat, not attributed to another health condition
Muscle pain, not attributed to another health condition or exercise
Headache, not attributed to another health condition
Diarrhea (unless due to known cause)
<b>In the past 14 days, if you:</b>
Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s).

### **COVID-19 SELF-REPORTING REQUIREMENT**

Students, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using the [COVID 19 Health Reporting Form](#). Report all positive cases of COVID-19 to your instructor, program director, and [Stephannie Waters](#), Exposure Control Coordinator, [swaters@southeasterntech.edu](mailto:swaters@southeasterntech.edu), 912-538-3195.

### **COVID-19 DAILY SCREENING REQUIREMENT**

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Prior to entering the Health Sciences Annex- Building C, all dental hygiene students, faculty, and staff will complete a daily COVID-19 Screening and Temperature Check. Social distancing must be practiced throughout the building except during instruction of clinical skills and direct patient care. A KN-95 or N-95 mask and a face shield must be worn when social distancing is not feasible.

### **ATTENDANCE GUIDELINES**

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus. Students who stop attending class, but do not formally withdraw, may receive a final grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

### **ADDITIONAL ATTENDANCE GUIDELINES FOR HEALTH SCIENCES**

Requirements for instructional hours within Health Science programs reflect the rules of respective licensure boards and/or accrediting agencies. Therefore, these programs have stringent attendance policies. Each program's attendance policy is published in the program's handbook and/or syllabus which specify the number of allowable absences. All provisions for required makeup work in the classroom or clinical experiences are at the discretion of the instructor.

### **DENTAL HYGIENE CLINICAL ATTENDANCE GUIDELINES**

Clinic begins promptly at the scheduled time. Any clinical time missed must be made up. Makeup time is limited this semester. A student with an excused absence may receive an incomplete "I" in the course. The student will not be able to progress to the next semester until the clinical time is made up. If a student is more than 30 minutes late or leaves more than 30 minutes early, that clinical time must be made up.

The Commission on Dental Accreditation (CODA) mandates a designated number of clinical hours per semester for each student. Failure to achieve the mandated clinical hours will result in a final grade of "F" (Failing 0-59) in the course. Only excused absences will be made up due to the limited time available for makeup sessions. Each clinic session builds upon previous sessions. Therefore, missing one session could interfere with clinical learning. Excused absences will be evaluated on a case-by-case basis by the program director. Examples of excused absences would be a car accident on the way to clinic or unexpected hospitalization of the student. Please do not plan a vacation or schedule a routine medical/dental appointment during the designated clinical times. Unexcused absences will not be made up and will lead to a final grade of "F" in the course. A doctor's excuse will be required for any clinical absences related to illness experienced by the student.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course, a student must attend at least 90% of the scheduled instructional time. Time and/or work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure.

Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course.

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**For this class, which meets 1 session per week for 15 weeks, the maximum number of sessions a student may miss for attendance purposes is 2 sessions during the semester. Each session missed will have to be made up at the end of the semester.**

### **SPECIFIC ABSENCES**

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

### **WITHDRAWAL PROCEDURE**

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. When the student completes the withdrawal form, a grade of "W" (Withdrawn) is assigned for the course(s).

**Withdrawal Due to Attendance Violation-** Students who are withdrawn from a course(s) due to attendance violation after drop/add and until the 65% point of the semester will receive a grade of "W" for the course(s).

Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

**Important – Student-initiated withdrawals from a course(s) are not allowed after the 65% point. After the 65% point, only instructors can withdraw students from a course(s).**

Students who are withdrawn from a course(s) due to attendance violation after the 65% point will receive a grade of "WP" (Withdrawal Passing-average of 60 or higher) or a grade of "WF" (Withdrawal Failing-average of 59 or lower). Students will receive a grade of **zero** for all assignments missed beginning with the Last Date of Attendance (LDA) and the date the student exceeds the attendance procedure.

**Withdrawal Due to Academic Deficiency-** Students who are withdrawn from a course(s) due to academic deficiency will receive a grade of "W" for the course(s). If a student cannot progress in the dental hygiene program due to academic deficiency, the student will receive a grade of "W" for all DHYG (dental hygiene) courses for the semester and will be unable to progress in the dental hygiene program.

There is no refund for partial reduction of hours. Withdrawals may affect the students' eligibility for financial aid for the current semester and in the future. Students must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal(s). A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

### **STUDENTS WITH DISABILITIES**

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

**Swainsboro Campus:** Macy Gay [mgay@southeasterntech.edu](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

**Vidalia Campus:** Helen Thomas [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

## **PREGNANCY**

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

**Swainsboro Campus:** Macy Gay [mgay@southeasterntech.edu](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

**Vidalia Campus:** Helen Thomas [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

## **ACADEMIC DISHONESTY POLICY**

The Southeastern Technical College Academic Dishonesty Policy states that all forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the Southeastern Technical College Catalog and Handbook.

## **PROCEDURE FOR ACADEMIC MISCONDUCT**

The procedure for dealing with academic misconduct and dishonesty is as follows:

### **1. First Offense**

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

### **2. Second Offense**

Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

### **3. Third Offense**

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

## **STATEMENT OF NON-DISCRIMINATION**

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). This

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nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

<b>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</b>	<b>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</b>
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 165 Phone: 912-538-3126 Email: <a href="mailto:hthomas@southeasterntech.edu">Helen Thomas</a> <a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a>	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3230 Email: <a href="mailto:ljonas@southeasterntech.edu">Lanie Jonas</a> <a href="mailto:ljonas@southeasterntech.edu">ljonas@southeasterntech.edu</a>

### **ACCESSIBILITY STATEMENT**

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

### **GRIEVANCE PROCEDURES**

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College’s website.

### **ACCESS TO TECHNOLOGY**

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [Southeastern Technical College \(STC\) Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

### **TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT**

*The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee*



*within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.*

## **INSTRUCTIONAL DELIVERY METHODS**

The preclinical instructors will rotate at 10-minute intervals after a technique has been introduced to ensure each student has adequate hands on instruction in instrumentation techniques acquired in this lab. There will be exercises given to the student to strengthen grip and coordination in the fingers and hands. The students must practice these exercises. Students will practice skills on typodonts and student partners. Instructional videos and hands on demonstrations will also be utilized.

## **EVALUATION PROCEDURES**

### **Preclinic Sessions**

The student must utilize all time in the lab. Idle time is prohibited. If a student does not utilize preclinical time for skills development and practice of techniques in dental hygiene, a minimum of 1 point will be deducted each day from the final grade for *professional development infractions*. A list of *professional development infractions* can be obtained from the "M" Drive. The professional infractions sheet should be filled out and on the student's clinic clipboard at all times. The computers in the clinical area are to be used for no other purpose than dental hygiene instruction. There is a standing "NO TALKING/NO VISITING" rule while on the clinic floor. The clinic is a learning lab and the student is to be focused on the skill presently being acquired. If you have a question you should notify your instructor by extending the appropriate flag at your operatory. *Professional development infractions* will be given for failing to maintain a learning environment. The dental hygiene preclinical lab will start at the designated time on the syllabus. This means each student should be in the clinic area *before* clinic time to be prepared and ready when the clinic begins. Students will set up the work area and be seated in the operator's position at the beginning of each preclinical day. The instructor will not wait on a student to get ready for preclinic. All personal items and things not needed for the lab should be stored away in the lockers. Infractions will result if student is not "set-up" and ready to begin preclinic at the appropriate time. Time management and preparation are two key elements in any dental hygiene preclinical lab. The student must have all materials that are required for that preclinical lab. Additional Clinic/Lab time, outside of class, will be necessary in this course to be successful. The clinic is available to the student for practice of skills. Students are provided with a schedule of times allowed for practice. Students must also sign in and out on the clipboard in the reception area.

Any clinical session missed must be made up at the end of semester in order to achieve the required number of clinical hours for CODA. It is the responsibility of the student to meet with the course director to makeup a missed clinical session. All assigned clinical requirements must be finished at the completion of the required clinical hours. Failure to achieve these requirements will result in a grade of "F" regardless of the numeric course average. Only approved absences will be made up. Approved absences are at the discretion of the course director. See "specific absences" heading above for more details.

### **Skill Preparation Assessment**

At the designated preclinic sessions listed on the lesson plan, a skill participation assessment will take place. This time will be utilized to assess the preparation of each student prior to the preclinic session. It is important that each student comes to the preclinic session prepared with the foundational knowledge of the assigned topic(s) for the lesson. Being prepared for the preclinic session means that the student has read the assigned chapter(s) in the required texts for preclinic as well as the assigned skill evaluation(s) and completed

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any homework assignment(s) if applicable. Each student shall randomly draw one question. The question will cover some topic or portion of the course material that the student should have read and studied as outlined on the lesson plan. If a student demonstrates prior class preparation/participation by answering the question correctly, a session grade of 100 will be recorded. If a student fails to demonstrate prior class preparation/participation by answering the question incorrectly, a session grade of "0" will be recorded.

### **Skill Evaluations**

Clinical skill evaluation will be performed on the following topics: asepsis, MidMark M11 self-contained autoclave, Statim 2000 cassette autoclave, ultrasonic instrument cleaner, communication, medical history, blood pressure, respirations and pulse, temperature, ergonomics/positioning, extra and intra oral exam, explorer, probe, disclosing biofilm charting, calculus charting, restorations and decay charting, and periodontal probe/gingival/occlusal exam charting. Students will perform the clinical skill evaluations on the typodont or clinical partner during the assigned clinical session. Students must achieve 100% competency on the clinical skill level of each skill to progress in the course or remediation will be required. There is a mandatory 2-hour practice that must be performed prior to any skill evaluation. This is the minimum requirement and must be performed outside of preclinic lab time. The practice log book is provided at the front desk. Students must sign in before entering the clinic and sign out upon exiting the clinic. Practice time can be completed in the clinic during the scheduled practice time or may be completed away from the clinic (if applicable). Students are encouraged to practice on their own. Reminder: students have signed the Dental Hygiene Practice policy and violation of this may result in dismissal from the dental hygiene program. Upon completion of the 2-hour mandatory practice, students may discuss any questions or issues they may have with an instructor on an individual basis. Failing to maintain the learning environment during the practice session will result in an infraction or critical incident. Students must achieve 100% on each clinical skill evaluation on the first attempt or remediation will be required prior to the second/final attempt of the skill. The student will begin with a 30-point deduction if a second/final attempt is necessary. Remediation will consist of a minimum of 2 hours of additional practice during the scheduled skill remediation time on **Wednesday**. Students will be allowed two attempts to reach 100% competency. The following list of attempts illustrates the grade that will be issued for the first and second/final attempts.

**First Attempt = 100 is the grade for 100% competency**

**Second/Final Attempt = 70 is the grade for 100% competency**

If a student fails to achieve 100% on the skill evaluation at the end of the second/final attempt, the student will be assigned a grade of "0" (zero) for the skill evaluation. The student will also be assigned an "F" for the final course grade, and the student will not be allowed to proceed in the dental hygiene program. It is mandatory to master one skill before progressing to the next skill in the clinic sessions. Self and peer assessments must be completed on each skill evaluation prior to the scheduled skill evaluation session. (Peer assessments will not be completed on skill evaluations due to social distancing guidelines during COVID-19.) The skill evaluations are posted on the M: drive under Pre-clinic skill evaluations of the DHYG 1050 folder. Students must be on time for all skill evaluations. Failure to be in assigned seat/operator at the start time of the class will result in inability to take the skill evaluation and a grade of "0" (zero) will be assigned. Failure to have a skill evaluation sheet completely filled out as specified to include self and peer evaluations with feedback will result in a failed attempt and the student will have to re-schedule to take the skill evaluation as the second/final attempt and begin with a 30-point deduction.

**\*\*Bottom Line= If you do not pass any skill evaluation on the first attempt with a grade of 100 or the**

**second/final attempt with a grade of 70, you will receive an “F” in this course regardless of your final numerical course grade. You will not be allowed to progress in the course. If you receive an “F” in any DHYG course, you will not be able to progress in the dental hygiene program.**

### **Journal Requirements**

The dental hygiene student will be required to maintain a *detailed preclinical journal* throughout the semester. The journal will be a dated entry of each preclinical session. It is hoped that the entries made into this journal will provide insight into your strengths and weaknesses as a dental hygienist and future employee. This self-assessment should help you in determining which skills you may need to focus on improving, while allowing you to gain a sense of accomplishment at tasks well done. Re-reading of your journal at intervals during your education should reveal the depth of knowledge you have gained and allow you to see the development of the clinical skills and critical thinking skills required to be an outstanding dental hygienist. Every day that you participate in a clinical activity, you should write an entry in your journal. Each journal entry should focus on your clinic experience. You may include your feelings about the clinical experience. If you felt a sense of accomplishment at learning a new skill, that feeling may be recorded. If you felt a sense of frustration in trying to learn a new skill, that may be recorded as well. The purpose of the journal is to give you a written record of your clinical experiences and professional and personal growth as a dental hygienist. At the bottom of each page, draw a line, and then write a one sentence summary stating what you learned, or what skill you improved on that day. It may be a clinical skill, an interpersonal skill, a new piece of knowledge or understanding--any skill that would make you a better dental hygienist. The journal will assist the preclinical instructor in knowing the areas to further assist the student with. The student will bring the journal to each preclinical session and have it available (place on top of cabinet) for the instructor to view before or during preclinic. Entries for each preclinical session should be made at the end of each clinical session. Then, the student will turn in the journal prior to dismissal of the session to the appropriate instructor for feedback to be given. The journals will be given back to the students on the following day. There will be a 1-point deduction from the student's final course grade for each failure to document the preclinical day. The student will have a total of 1 detailed entry in the journal weekly, totaling 15 detailed entries at the end of the semester.

### **Homework/Assignments**

Homework/assignments will be assigned throughout the semester. Failure to complete homework assignments will result in one point being deducted from the final course grade for each assignment not completed by the deadline specified. No exceptions. Late or incomplete assignments still need to be completed and turned in for instructor review and feedback. If you are going to be absent, you should deliver your homework/assignment to your instructor prior to the deadline to ensure credit.

### **Instrumentation Practicum Part I – Explorers & Probe – Lab Final**

This is a Pass or Fail Evaluation that will be evaluated by a minimum of two dental hygiene faculty. The student must pass the Lab Final at 100% competency OR receive a grade of “0” (zero) as the final grade. If the dental hygiene student fails the Lab Final, the student will fail the course, regardless of the final numerical course grade. No additional attempts are allowed on the Lab Final. If the student does not score 100% competency on the Lab Final, the student will receive a grade of “0” (zero) for the Lab Final, and a final course grade of “F” and will not be allowed to progress in the dental hygiene program. A grade of “0” (zero) will be assigned for the missed Lab Final, and the student will be assigned a final course grade of “F” and will not be allowed to proceed in the dental hygiene program.

**MAKEUP GUIDELINES**

Any clinical session missed must be made up at the end of semester in order to achieve the required number of clinical hours for CODA. Failure to do so may result in program dismissal. It is the responsibility of the student to get with the course director to make arrangements to makeup a missed clinical session. All assigned clinical requirements must be finished at the completion of the required clinical hours. Failure to achieve these requirements will result in program dismissal. **Only excused absences will be made up.** Excused absences are at the discretion of the program director. See "specific absences" heading above for more details.

**GRADING POLICY**

Evaluation Item	Percentage
Skill Evaluations (averaged together)	30
Skill Preparation Assessments (averaged together)	20
Instrumentation Practicum I	50

**CALCULATION OF FINAL COURSE GRADE**

Evaluation Item	Grade	(X) %	Points
Asepsis Skill Evaluation			
MidMark M11 Self-Contained Autoclave Skill Evaluation			
Statim 2000 Cassette Autoclave Skill Evaluation			
Ultrasonic Instrument Cleaner Skill Evaluation			
Communication Skill Evaluation			
Medical History Skill Evaluation			
Vitals Skill Evaluation			
Medical Emergencies Skill Evaluation			
Extra/Intraoral Exam Skill Evaluation			
Ergonomics Skill Evaluation			
Explorer Skill Evaluation			
Dental Charting Skill Evaluation			
Disclosing Skill Evaluation			
Biofilm Skill Evaluation			
Calculus Skill Evaluation			
Periodontal Probing-Gingival/Occlusal Exam Skill Evaluation			
Skill Evaluations (16 averaged together)		.30	
Skill Preparation Assessment 1			
Skill Preparation Assessment 2			
Skill Preparation Assessment 3			
Skill Preparation Assessment 4			
Skill Preparation Assessment 5			
Skill Preparation Assessment 6			
Skill Preparation Assessment 7			
Skill Preparation Assessment 8			
Skill Preparation Assessments (1-8 averaged together)		.20	
Instrumentation Practicum I		.50	

<b>Point Deductions for late/incomplete assignments-</b>			
<b>Subtotal</b>			
<b>Final Course Grade</b>			

**GRADING SCALE**

<b>Letter Grade</b>	<b>Range</b>
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

**DENTAL HYGIENE PROGRAM GOALS**

- A. To provide comprehensive preparation of competent individuals in the arts and sciences pertinent to the discipline of dental hygiene.
- B. To provide comprehensive preparation of competent individuals in the clinical and laboratory experiences, which are necessary to develop skills in rendering professional dental hygiene patient care to the public.
- C. To provide an environment that will foster respect for the Dental Hygiene Professional Code of Ethics and Conduct and assure recognition and acceptance of the responsibilities of the profession of dental hygiene.
- D. To prepare the graduates of the basic two-year curriculum in dental hygiene to fulfill the dental hygienist's role in community oral health services.
- E. To teach students to conduct critical reviews of current literature as a means of research and life-long learning.
- F. To teach students to seek life-long learning through continuing education courses on the latest products and developments in dentistry and medicine.

**LEARNING OBJECTIVES****Wilkins Chapter 1: The Professional Dental Hygienist**

1. Identify and define key terms and concepts related to the professional dental hygienist. (A,B,C,D)
2. Describe the scope of dental hygiene practice. (A,B,C,D)
3. Identify and describe the components of the dental hygiene process of care. (A,B,C,D)
4. Identify and apply components of the dental hygiene code of ethics. (A,B,C,D)
5. Explain legal, ethical, and personal factors affecting dental hygiene practice. (A,B,C,D)
6. Apply concepts in ethical decision making. (A,B,C,D)

**Wilkins Chapter 3: Effective Health Communication**

1. Discuss the skills and attributes of effective health communication. (A,B,C,D)
2. Identify factors that influence health communication. (A,B,C,D)
3. Explain how the patient's age, culture, and health literacy level affect health communication strategies. (A,B,C,D)
4. Identify communication theories relevant to effective health communication and motivational interviewing. (A,B,C,D)

**Wilkins Chapter 5: Infection Control: Transmissible Diseases; Clinic Manual, OSAP/CDC Guidelines**

1. Apply the concept of standard precautions to the process of dental hygiene care. (A,B,C,D)
2. Describe the infectious disease process and prevention of disease transmission. (A,B,C,D)
3. Describe and identify transmissible diseases that may pose a risk to patients and dental healthcare personnel. (A,B,C,D)
4. Evaluate the oral healthcare needs of each patient with a transmissible disease. (A,B,C,D)

**Wilkins Chapter 6: Exposure Control: Barriers for Patient and Clinician; Clinic Manual, OSAP/CDC Guidelines**

1. Identify and define key terms and concepts related to exposure control, clinical barriers, and latex sensitivity. (A,B,C,D)
2. Explain the rationale and techniques for exposure control. (A,B,C,D)
3. Identify the criteria for selecting effective barriers. (A,B,C,D)
4. Explain the rationale, mechanics, and guidelines for hand hygiene. (A,B,C,D)
5. Identify and describe the clinical manifestations and management of latex sensitivity. (A,B,C,D)

**Wilkins Chapter 7: Infection Control: Clinical Procedures; Clinic Manual; OSAP/CDC Guidelines**

1. Describe the basic considerations for safe infection control practices. (A,B,C,D)
2. Explain methods for cleaning and sterilizing instruments. (A,B,C,D)
3. Describe procedures to prepare, clean, and disinfect the treatment area. (A,B,C,D)
4. Explain process for managing hypodermic needles and occupational post exposure management. (A,B,C,D)
5. List types of waste disposal and explain how each type is handled. (A,B,C,D)

**Wilkins Chapter 8: Patient Reception and Ergonomic Practice**

1. Describe the rules of etiquette in relationship to patient reception and care. (A,B)
2. Describe the components of ergonomic practice and relationship to career longevity. (A,B)
3. Identify the range of working positions for a right-handed and left-handed clinician. (A,B)
4. Describe the elements of a neutral working position (NWP). (A,B)
5. Explain the musculoskeletal disorders and their causes and symptoms most often associated with the clinical practice of dental hygiene. (A,B)
6. Explain the ergonomic risk factors of clinical dental hygiene practice. (A,B)

**Wilkins Chapter 9: Emergency Care; Clinic Manual**

1. Develop a plan to prevent and prepare for medical emergencies. (A,B,C,D)
2. Identify signs and symptoms related to a possible emergency. (A,B,C,D)
3. Define key words related to emergencies. (A,B,C,D)
4. Describe stress minimization techniques. (A,B,C,D)
5. Identify procedures for specific emergencies. (A,B,C,D)
6. Incorporate documentation into the emergency plan. (A,B,C,D)

**Wilkins Chapter 10: Documentation for Dental Hygiene Care; Clinic Manual**

1. Identify and define key terms and concepts related to written and computerized dental records and charting. (A,B,C,D)
2. Describe concepts related to ensuring confidentiality and privacy of patient information. (A,B,C,D)

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3. Compare three tooth numbering systems. (A,B,C,D)
4. Discuss the various components of a patient's permanent, comprehensive dental record. (A,B,C,D)
5. Recognize and explain a systematic method for documenting patient visits. (A,B,C,D)

**Wilkins Chapter 11: Medical, Dental, and Psychosocial Histories; Clinic Manual**

1. Relate and define key terms and concepts utilized in the creation of patient histories. (A,B,C,D)
2. Explain the significance and purpose of accurate and complete patient personal, medical, and dental histories. (A,B,C,D)
3. Compare and contrast the different methods available for the compilation of patient histories and the advantages and disadvantages of each. (A,B,C,D)
4. Discuss how the components of patient histories relate directly to the application of patient care. (A,B,C,D)

**Wilkins Chapter 12: Vital Signs; Clinic Manual**

1. List and explain the vital signs and why proper assessment is key to identifying the patient's health status. (A,B,C,D)
2. Demonstrate and explain the correct procedures for assessing the vital signs: temperature, respiration, radial pulse, and blood pressure. (A,B,C,D)
3. Recognize and explain factors that may affect temperature, respiration, pulse, and blood pressure. (A,B,C,D)
4. Describe and evaluate equipment used for assessing temperature and blood pressure. (A,B,C,D)
5. Recognize normal vital signs across varied age groups. (A,B,C,D)

**Wilkins Chapter 13: Extraoral and Intraoral Examination; Clinic Manual**

1. Explain the rationale for a comprehensive extra-and intraoral examination. (A,B)
2. Explain the systematic sequence of the extra-and intraoral examination. (A,B)
3. Identify normal hard and soft tissue anatomy of the head, neck, and oral cavity. (A,B)
4. Describe and document physical characteristics (size, shape, color, texture, consistency) and morphological categories (elevated, flat, and depressed lesions) for notable findings. (A,B)
5. Identify suspected conditions that require additional testing and referral for medical evaluation. (A,B)

**Wilkins Chapter 16: Hard Tissue Examination of the Dentition; Clinic Manual**

1. Identify the three divisions of the human dentition: primary teeth, mixed (transitional) dentition, and permanent teeth. (A,B)
2. Recognize and explain the various developmental and non-carious dental lesions. (A,B)
3. Describe types of dental injuries and tooth fractures that may occur. (A,B)
4. List the G.V. Black classification of dental carious lesions as used for diagnosis, treatment planning, cavity preparations, and finished restorations. (A,B)
5. Explain the initiation and development of early childhood caries (ECC). (A,B)
6. Compare methods of determining the vitality of the pulp of a tooth. (A,B)
7. Provide a list of the factors to be observed and recorded during a complete dental charting with a new patient. (A,B)
8. Explain the basic principles of occlusion. (A,B)
9. Classify occlusion on a patient or case study according to Angle's classification and describe the facial profile with each classification. (A,B)

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10. Describe functional and parafunctional contacts. (A,B)
11. Give examples of parafunctional habits. (A,B)
12. Discuss types of occlusal trauma and explain the effects on the oral structures. (A,B)

#### **Wilkins Chapter 17: Dental Soft Deposits, Biofilm, Calculus, and Stains; Clinic Manual**

1. Define acquired pellicle and discuss the significance of the pellicle in the maintenance of oral health. (A,B)
2. Describe the different stages in biofilm formation and identify the changes in biofilm microorganisms as biofilm matures. (A,B)
3. Differentiate between the types of soft deposits. (A,B)
4. Recognize the factors that influence the accumulation of biofilm, calculus, and stain. (A,B)
5. Explain the location, composition, and properties of dental biofilm, calculus, and stain. (A,B)
6. Identify the modes of attachments of supragingival and subgingival calculus to dental structure. (A,B)
7. Describe the clinical and radiographic characteristics of supra- and subgingival calculus and its detection. (A,B)
8. Educate patients regarding the etiology and prevention of dental biofilm, calculus, and stain. (A,B)
9. Differentiate between exogenous and endogenous stains and identify extrinsic and intrinsic dental stains and discolorations. (A,B)
10. Determine the appropriate clinical approaches for stain removal and maintenance. (A,B)
11. Design biofilm, calculus, and stain management strategies to meet each patient's individual needs. (A,B)

#### **Wilkins Chapter 18: The Periodontium; Clinic Manual**

1. Recognize normal tissues of the periodontium. (A,B)
2. Know the clinical features of the periodontium. (A,B)
3. Describe the characteristics of healthy gingiva. (A,B)
4. Compare and contrast the characteristics of gingiva in health and disease. (A,B)
5. Describe the characteristics of healthy gingiva following periodontal surgery. (A,B)

#### **Wilkins Chapter 20: Periodontal Examination; Clinic Manual**

1. Describe the components of a comprehensive periodontal examination. (A,B)
2. List the instruments used for a periodontal examination. (A,B)
3. Explain the technique for use of the periodontal probe and explorers. (A,B)
4. Explain how the procedure for the comprehensive examination will be described to the patient. (A,B)

#### **Wilkins Chapter 37: Ultrasonic and Sonic Scaling; Fundamentals Module 26**

##### Powered Instrument Design and Function

1. Differentiate between each of the ultrasonic and sonic scaling modes of action. (A,B)
2. List differences and/or similarities between the two types of ultrasonic scaling devices. (A,B)
3. Compare and contrast the tips used in ultrasonic scaling devices and their proper care and sterilization methods. (A,B)
4. List the indications, contraindications, and precautions for using power-driven scalers. (A,B)
5. List the steps in setting up a magneto and piezo power scaler for clinical operatory use. Discuss the differences between preparing each unit for clinical operatory use. (A,B)

#### **Fundamentals Module 1**

##### Ergonomics and Periodontal Instrumentation



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1. Define the term ergonomics and discuss how ergonomic principles are helpful in the practice of dental hygiene. (A,B)
2. Name four ergonomic hazards for dental hygienists. (A,B)
3. Develop an understanding and appreciation for ergonomic guidelines to minimize the exposure of dental hygienists to musculoskeletal stress. (A,B)
4. Identify musculoskeletal disorders commonly experienced by dental health professionals, their causes and prevention. (A,B)
5. Discuss and demonstrate the elements of neutral seated position for the clinician. (A,B)
6. Demonstrate correct patient position relative to the clinician and positioning of dental equipment so that it enhances neutral clinician posture. (A,B)
7. State the reason why it is important that the top of the patient's head is even with top edge of the chair headrest. Demonstrate how to correctly position a short individual and a child in the dental chair so that (1) the patient is comfortable and (2) the clinician has good vision and access to the oral cavity. (A,B)
8. In the preclinical or clinical setting, self-evaluate to identify the use of incorrect ergonomic principles and demonstrate how to correct the problem(s). (A,B)

## **Fundamentals Module 2**

Clinician Position in Relation to the Treatment Area

1. Demonstrate and maintain neutral seated position for each of the mandibular and maxillary treatment areas. (A,B)
2. Demonstrate correct patient position relative to the clinician. (A,B)
3. Demonstrate, from memory, the clock position(s) for each of the mandibular and maxillary treatment areas. (A,B)
4. Demonstrate standing clinician position for the mandibular treatment areas. (A,B)
5. Recognize incorrect position and describe or demonstrate how to correct the problem. (A,B)

## **Fundamentals Module 3**

Instrument Grasp

1. Given a variety of periodontal instruments, identify the parts of each instrument. (A,B)
2. Identify the fingers of the hand as thumb, index, middle, ring, and little fingers. (A,B)
3. Understand the relationship among correct finger position in the modified pen grasp, the prevention of musculoskeletal problems, and the control of a periodontal instrument during instrumentation. (A,B)
4. Demonstrate the modified pen grasp using precise finger placement on the handle of a periodontal instrument. (A,B)
5. Describe the function each finger serves in the modified pen grasp. (A,B)
6. Define joint hypermobility and describe how hyper-extended joints in the modified pen grasp can affect periodontal instrumentation. (A,B)
7. Recognize incorrect finger position in the modified pen grasp and describe how to correct the problem(s). (A,B)
8. Select the correct glove size for your own hands and explain how the glove size selected meets the criteria for proper glove fit. (A,B)
9. Understand the relationship between proper glove fit and the prevention of musculoskeletal problems in the hands. (A,B)
10. Perform exercises for improved hand strength. (A,B)

#### **Fundamentals Module 4**

##### Use of the Dental Mouth Mirror

1. Name and describe three common types of dental mirrors. (A,B)
2. Demonstrate use of the mirror for indirect vision, retraction, indirect illumination, and transillumination. (A,B)
3. Maintain neutral seated position while using the recommended clock position for each of the mandibular and maxillary treatment areas. (A,B)
4. While seated in the correct clock position with the patient's head correctly positioned, demonstrate optimum INDIRECT vision in each sextant of the mouth while maintaining neutral positioning. (A,B)

#### **Fundamentals Module 5**

##### Finger Rests in the Anterior Sextants

1. Position equipment so that it enhances neutral positioning. (A,B)
2. Maintain neutral seated position while using the recommended clock position for each of the mandibular and maxillary anterior treatment areas. (A,B)
3. While seated in the correct clock position for the treatment area, access the anterior teeth with optimum vision while maintaining neutral positioning. (A,B)
4. Demonstrate correct mirror use, grasp, and finger rest in each of the anterior sextants while maintaining neutral positioning of your wrist and finger joints. (A,B)
5. Demonstrate finger rests using precise finger placement on the handle of a periodontal instrument. (A,B)
6. Identify the correct wrist position when using an intraoral finger rest in the maxillary and mandibular anterior treatment areas. (A,B)
7. Recognize incorrect mirror use, grasp, or finger rest and describe how to correct the problem(s). (A,B)
8. Understand the relationship between proper stabilization of the dominant hand during instrumentation and the prevention of (1) musculoskeletal problems in the clinician's hands and (2) injury to the patient. (A,B)
9. Understand the relationship between the large motor skills, such as positioning, and small motor skills, such as finger rests. Recognize the importance of initiating these skills in a step-by-step manner. (A,B)

#### **Fundamentals Module 6**

##### Finger Rests in the Mandibular Posterior Sextants

1. Position equipment so that it enhances neutral positioning. (A,B)
2. While seated in the correct clock position for the treatment area, access the mandibular posterior teeth with optimum vision while maintaining neutral positioning. (A,B)
3. Demonstrate correct mirror use, grasp, and finger rest in each of the mandibular posterior sextants while maintaining neutral positioning of your wrist. (A,B)
4. Demonstrate finger rests using precise finger placement on the handle of a periodontal instrument. (A,B)
5. Recognize incorrect mirror use, grasp, or finger rest, and describe how to correct the problem(s). (A,B)

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6. Understand the relationship between proper stabilization of the dominant hand during instrumentation and the prevention of (1) musculoskeletal problems in the clinician's hands and (2) injury to the patient. (A,B)
7. Understand the relationship between the large motor skills, such as positioning, and small motor skills, such as finger rests. Recognize the importance of initiating these skills in a step-by-step manner. (A,B)

### **Fundamentals Module 7**

#### Finger Rests in the Maxillary Posterior Sextants

1. Position equipment so that it enhances neutral positioning. (A,B)
2. While seated in the correct clock position for the treatment area, access the maxillary posterior teeth with optimum vision while maintaining neutral positioning. (A,B)
3. Demonstrate finger rests using precise finger placement on the handle of a periodontal instrument. (A,B)
4. Recognize incorrect mirror use, grasp, or finger rest and describe how to correct the problem(s). (A,B)
5. Understand the relationship between proper stabilization of the dominant hand during instrumentation and the prevention of (1) musculoskeletal problems in the clinician's hands and (2) injury to the patient. (A,B)
6. Understand the relationship between the large motor skills, such as positioning, and small motor skills, such as finger rests. Recognize the importance of initiating these skills in a step-by-step manner. (A,B)
7. Demonstrate exercises that lessen muscle imbalances through chairside stretching throughout the workday. (A,B)

### **Fundamentals Modules 8**

#### Instrument Design and Classification

1. Identify each working-end of a periodontal instrument by its design name and number. (A,B)
2. Recognize the design features of instrument handles and shanks, and discuss how these design features relate to the instrument's use. (A,B)
3. Describe the advantages and limitations of the various design features available for instrument handles and shanks. (A,B)
4. Given a variety of periodontal instruments, demonstrate the ability to select instruments with handle design characteristics that will reduce the pinch force required to grasp the instrument. (A,B)
5. Given a variety of periodontal instruments, sort the instruments into those with simple shank design and those with complex shank design. (A,B)
6. Given a variety of sickle scalers and curets, identify the face, back, lateral surfaces, cutting edges, and toe or tip on each working-end. (A,B)
7. Given a variety of periodontal instruments, determine the intended use of each instrument by evaluating its design features and classification. (A,B)
8. Given any instrument, identify where and how it may be used on the dentition (i.e., assessment or calculus removal, anterior/posterior teeth, supragingival or subgingival use). (A,B)

### **Fundamentals Module 9**

#### Technique Essentials: Movement and Orientation to Tooth Surfaces

1. Define motion activation as it relates to periodontal instrumentation. (A,B)

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2. Name two types of motion activation commonly used in periodontal instrumentation. (A,B)
3. Define and explain the uses of wrist-rocking motion during periodontal instrumentation. (A,B)
4. Using a pencil or periodontal probe, demonstrate the correct technique for wrist-rocking motion activation. (A,B)
5. When demonstrating wrist-rocking motion use correct instrumentation technique such as: using the fulcrum finger as a support beam, maintaining correct grasp, and maintaining neutral wrist position. (A,B)
6. Define and explain the uses of digital motion activation during periodontal instrumentation. (A,B)
7. Using a pencil or periodontal probe, demonstrate the correct technique for digital motion activation. (A,B)
8. When demonstrating digital motion activation use correct instrumentation technique such as: using the fulcrum as a support beam, maintaining correct grasp, and maintaining neutral wrist position. (A,B)
9. Define and explain the use of the handle roll during periodontal instrumentation. (A,B)
10. Using a pen or pencil, demonstrate the handle roll using correct technique including: correct modified pen grasp, knuckles-up position, fulcrum finger as a support beam, and neutral wrist position. (A,B)
11. Explain how the teeth are positioned in the dental arches. (A,B)
12. Using a periodontal probe and typodont or tooth model, correctly orient the working-end of a probe to the various tooth surfaces of the dentition. (A,B)

### **Fundamentals Module 10**

Technique Essentials: Adaptation

1. Define the term adaptation as it relates to periodontal instrumentation. (A,B)
2. Identify the leading-, middle-, and heel-third of the working-end of a sickle scaler and a curet. (A,B)
3. Using a typodont and an anterior sickle scaler describe and demonstrate correct adaptation of the working-end to the midline and line angle of a mandibular anterior tooth. (A,B)
4. Explain problems associated with incorrect adaptation during periodontal instrumentation. (A,B)
5. Using Figure 10-16 and a pencil demonstrate how to maintain adaptation to curved tooth surfaces while using a correct modified pen grasp and wrist motion activation. (A,B)
6. Use precise finger placement on the handle of a periodontal instrument while demonstrating adaptation and selection of the correct working-end for a treatment area. (A,B)

### **Fundamentals Module 11**

Technique Essentials: Instrumentation Strokes

1. Compare and contrast the functions and characteristics of three types of instrumentation strokes: assessment, calculus removal, and root debridement. (A,B)
2. Demonstrate how to stabilize the hand and instrument to perform an instrumentation stroke by using an appropriate intraoral fulcrum and the ring finger as a "support beam" for the hand. (A,B)
3. Demonstrate the elements of an assessment stroke in a step-by-step manner. (A,B)
4. Use precise finger placement on the handle of a periodontal instrument while demonstrating assessment strokes. (A,B)

### **Fundamentals Module 12**

Periodontal Probes and Basic Probing Technique

1. Identify the millimeter markings on several calibrated periodontal probes including some probe designs that are not in your instrument kit. (A,B)
2. Identify factors that can affect the accuracy of periodontal probing. (A,B)

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3. Discuss the characteristics of an effective probing technique in terms of adaptation and angulation of the tip, amount of pressure needed, instrumentation stroke, and number and location of probe readings for each tooth. (A,B)
4. Using a calibrated periodontal probe, demonstrate correct adaptation on facial, lingual, and proximal surfaces and beneath the contact area of two adjacent teeth. (A,B)
5. While using correct positioning, mirror, grasp, and finger rests, demonstrate correct probing technique in all sextants of the dentition. (A,B)
6. Determine the probing depth accurately to within 1 mm of the instructor's reading. (A,B)
7. Differentiate between a normal sulcus and a periodontal pocket, and describe the position of the probe in each. (A,B)
8. Define and discuss the terms informed consent, capacity for consent, written consent, and informed refusal as these terms apply to periodontal instrumentation. (A,B)

### **Fundamentals Module 13**

#### Explorers

1. Given a variety of explorer designs, identify the design characteristics of each explorer. (A,B)
2. Given a variety of explorer designs, identify the explorer tip. (A,B)
3. Identify and describe the advantages and limitations of various explorer designs. (A,B)
4. Describe how the clinician can use visual clues to select the correct working-end of a double-ended explorer. (A,B)
5. Demonstrate correct adaptation of the explorer tip. (A,B)
6. Describe and demonstrate an assessment stroke with an explorer. (A,B)
7. Demonstrate detection of supragingival calculus deposits using compressed air. (A,B)
8. Demonstrate correct use of an 11/12-type explorer in the anterior sextants while maintaining correct position, correct finger rests, and precise finger placement in the grasp. (A,B)
9. Demonstrate correct use of an 11/12-type explorer in the posterior sextants while maintaining correct position, correct finger rests, and precise finger placement in the grasp. (A,B)
10. Name and describe several common types of calculus deposit formations. (A,B)
11. Explain why the forceful application of an explorer tip into a carious pit or fissure could be potentially harmful. (A,B)

## DHYG 1050 Preclinical Dental Hygiene Lab

### Fall Semester 2020 Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Aug 17 Week 1 Group A/B/C	Wilkins Chapters 1, 5, 6, 7  Clinic Manual References – Preclinic/Clinic Standard Operating Procedures; Exposure Control; Infection Control; Sequence of Care  OASP- A review of chapters from Microbiology	<u>First day of class /Introduction to Course:</u> Syllabus, Lesson plan, Rules, Regulations Coverage; Completion of Forms; Lockers organized; Inventory supplies; Clipboards; Journals; Cart with supplies; Clinic Manual  <u>Ethics and Professionalism:</u> Clinic rules, policies, and standard operating procedures from Clinic Manual; Personal oral hygiene  <u>Patient and Clinic Positioning:</u> Patient Reception and Ergonomics; Use and Care of Loupes  <u>Asepsis:</u> Exposure Control-barriers for patient and clinician; Infection Control-clinical procedures; Use of the operator; Operator set up and break down procedures; Ultrasonic instrument cleaner; MidMark MII and Statim 2000 autoclaves	<ul style="list-style-type: none"> <li>• Read Wilkins Chapters 1, 5, 6, 7</li> <li>• Read Clinic Manual References</li> <li>• Read Skill Evaluations – Asepsis, Ultrasonic Instrument Cleaner, MidMark MII Autoclave, Statim 2000 Autoclave</li> </ul>	CC 1,2, GC a, c
Aug 24 Week 2 Group A/B/C	Wilkins Chapter 8  Fundamentals Module 1  Precision in Periodontal Instrumentation DVD  Clinic Manual References – Preclinic/Clinic Standard Operating Procedures; Exposure	<b>Skill Preparation Assessment #1</b>  <b>Skill Evaluations: Ergonomics</b>  <u>Asepsis Continued:</u> Exposure Control-barriers for patient and clinician; Infection Control-clinical procedures; Use of the operator; Operator set up and break down procedures; Ultrasonic instrument cleaner; MidMark	<ul style="list-style-type: none"> <li>• Complete practice and self-assessment on Skill Evaluations – Asepsis, Ultrasonic Instrument Cleaner, MidMark MII Autoclave, Statim 2000 Autoclave</li> <li>• Read Wilkins Chapter 8</li> <li>• Read Fundamentals Module 1</li> <li>• Complete</li> </ul>	CC 4, 5 GC a, c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
	Control; Infection Control; Sequence of Care  OASP- A review of chapters from Microbiology	MII and Statim 2000 autoclaves	Fundamentals Module 1 Skill Application and Self Evaluation  <ul style="list-style-type: none"> <li>• View “Positioning” on Precision in Periodontal Instrumentation DVD</li> <li>• Read Ergonomics Skill Evaluation</li> </ul>	
Aug 31 Week 3 Group A/B/C	Wilkins Chapters 3, 10, 11, 12  Clinic Manual Reference – Patient Assessment/Forms; Sequence of Care  Clinic Manual Reference – Medical History; Patient Assessment Section/Forms; Sequence of Care	<b>Skill Preparation Assessment #2</b>  <b>Skill Evaluation: Asepsis, Ultrasonic Instrument Cleaner, MidMark MII Autoclave, Statim 2000 Autoclave</b>  <u>Patient Assessment:</u> Communication- Appointment confirmation protocol and reception; Informed consent; HIPAA  Medical History and Medication Log- Documentation of medical history forms; Mock Patient Chart  Vital Signs- blood pressure, pulse, respirations, and temperature; Vitals assessment demonstration and practice with partners	<ul style="list-style-type: none"> <li>• Complete practice and self-assessment on Ergonomics Skill Evaluation</li> <li>• Read Wilkins Chapters 3, 10, 11, 12</li> <li>• Read Clinic Manual References</li> </ul>	CC 4 GC a, c
Sept 14 Week 4 Group A/B/C	Wilkins Chapter 9  Clinic Manual Reference – Medical Emergencies; Sequence of Care	<b>Skill Evaluations: Communication Medical History Vitals</b>  <u>Emergencies:</u> Medical emergencies protocol- how to manage a medical emergency in the	<ul style="list-style-type: none"> <li>• Complete practice and self-assessment on the following skill evaluations: Communication, Medical History, and Vitals</li> </ul>	CC 3, 4 GC a, c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		dental hygiene clinic; Location of medical emergency equipment	<ul style="list-style-type: none"> <li>• Complete Vitals Assessment Assignment</li> <li>• Read Wilkins Chapter 9</li> <li>• Read Clinic Manual References</li> <li>• View and take notes on the Medical Emergencies DVD during the practice session</li> <li>• Read Medical Emergencies Skill Evaluation</li> <li>• Practice medical emergency scenarios</li> </ul>	
Sept 21 Week 5 Group A/B/C	Wilkins Chapters 8, 9  Clinic Manual Reference – Medical Emergencies; Sequence of Care  Fundamentals Module 2  Clock Position Chart	<b>Skill Preparation Assessment #3</b>  <u>Emergencies:</u> Continue with medical emergencies protocol and location of medical equipment; Role Play for Medical Emergency  <u>Patient and Clinician Positioning:</u> Typodont set-up with dentoform bar; Portasim set-up, use and check-out; Clock position chart and practice	<ul style="list-style-type: none"> <li>• Review Wilkins Chapters 8, 9</li> <li>• Review sequence of care – Wilkins and Clinic Manual – with medical emergency protocol</li> <li>• Read Fundamentals Module 2</li> <li>• Complete Fundamentals Module 2 Skill Application and Self Evaluation</li> </ul>	CC 3-6 GC a, c
Sept 28 Week 6 Group A/B/C	Wilkins Chapter 8  Fundamentals Modules 3-7  Clock Position Chart  Precision in Periodontal	<b>Skill Evaluation: Medical Emergencies</b>  <u>Patient and Clinician Positioning and Instrumentation:</u> Clinician and patient positioning using clock positioning chart; fulcrum-	<ul style="list-style-type: none"> <li>• Complete practice and self-assessment of Medical Emergency Skill Evaluation</li> <li>• Read Fundamentals Modules 3-7</li> </ul>	CC 3-6 GC a, c



Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
	Instrumentation DVD	instrument grasp, mirror, explorer; air/water syringe; saliva ejector	<ul style="list-style-type: none"> <li>Complete Fundamentals Modules 3-7 Skill Application and Self Evaluation</li> <li>View "Grasp" and "Finger Rests" on Precision in Periodontal Instrumentation DVD</li> </ul>	
Oct 5 Week 7 Group A/B/C	Wilkins Chapter 13  Fundamentals Modules 1-7  Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care  Clock Position Chart	<b>Skill Preparation Assessment #4</b>  <u>Patient and Clinician Positioning and Instrumentation:</u> Continued practice with clinician and patient positioning, positioning chart; fulcrum; instrument grasp, mirror, explorer; air/water syringe; saliva ejector  <u>Patient Assessment:</u> Extraoral and Intraoral Exam (EIO Exam)- observation, palpation, normal vs. abnormal tissue, lesion appearance, charting/forms, over-glove use, documentation	<ul style="list-style-type: none"> <li>Practice with instrument grasp and placement of mirror and explorer, fulcrum, clinician and patient positioning, and use of air/water syringe and saliva ejector – review Fundamentals Modules 1-7 and Wilkins Chapter 8</li> <li>Read Wilkins Chapter 13</li> <li>Read Clinic Manual References</li> <li>Read Extra-Intra Oral Exam Skill Evaluation</li> </ul>	CC 4-6 GC a, c
October 12 Week 8 Group A/B/C	Wilkins Chapter 13  Fundamentals Modules 8-11, 13  Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care  Precision in Periodontal Instrumentation DVD	<b>Skill Preparation Assessment #5</b>  <u>Patient Assessment:</u> EIO exam continued; Complete practice and self-assessment of the Extra-Intraoral Exam Skill Evaluation  <u>Instrumentation:</u> Explorers-ODU 11/12 & XP 23 Supra/Sub Exploration Adaptation Technique Sequence	<ul style="list-style-type: none"> <li>Practice with instrument grasp and placement of mirror and explorer, fulcrum, clinician and patient positioning, and use of air/water syringe and saliva ejector</li> <li>Practice EIO exam utilizing the EIO exam charting form, Clinic Manual, and skill evaluation</li> </ul>	CC 4-6 GC a, b, c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<p>Clock positions Knuckle numbers</p> <p>Practice exploring techniques on typodont in sequence</p>	<ul style="list-style-type: none"> <li>• Read Fundamentals Modules 8, 9, 10, 11, 13</li> <li>• Complete Fundamentals Modules 8, 9, 10, 11, 13 Skill Application and Self Evaluation</li> <li>• View “Exploring Techniques”, “Elements of the Instrumentation Stroke”, and Instrumentation Critiques on Precision in Periodontal Instrumentation DVD</li> <li>• Read Clinic Manual References</li> </ul>	
<p>October 19 Week 9 Group A/B/C</p>	<p>Wilkins Chapters 16, 17, 21</p> <p>Fundamentals Modules 8-11, 13</p> <p>Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care</p> <p>Precision in Periodontal Instrumentation DVD</p>	<p><b>Skill Preparation Assessment #6</b></p> <p><b>Skill Evaluation: EIO Exam</b></p> <p><u>Instrumentation, Charting, and Caries:</u> Exploring techniques and charting plaque, calculus, decay, and restorations</p>	<ul style="list-style-type: none"> <li>• Read Wilkins Chapters 16, 17, 21</li> <li>• Review “Exploring Techniques”, “Elements of the Instrumentation Stroke”, and Instrumentation Critiques on Precision in Periodontal Instrumentation DVD</li> <li>• Practice explorers-adaptation, technique, sequence, clock positions, knuckle numbers</li> <li>• Read the following skill evaluations: Explorers, Disclosing, Biofilm, Calculus, Restorations and Decay</li> <li>• Practice charting symbols and forms for</li> </ul>	<p>CC 4-9 GC a, b, c</p>

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			charting plaque, calculus, decay, and restorations  <ul style="list-style-type: none"> <li>• Read Clinic Manual References</li> </ul>	
Oct 26 Week 10 Group B/C  Oct 28 Group A	Wilkins Chapters 16, 17, 21  Fundamentals Modules 8-11, 13  Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care	<b>Skill Preparation Assessment #7</b>  <u>Instrumentation, Charting, and Caries:</u> Exploring for plaque, calculus, decay, and restorations, disclosing, charting continued  Role-play with dental charting	<ul style="list-style-type: none"> <li>• Review and practice charting symbols and forms for charting plaque, calculus, decay, and restorations</li> </ul>	CC 4-9 GC a, b, c
Nov 2 Week 11 Group A/C  Nov 4 Group B	Wilkins Chapters 16, 17, 18, 19, 20  Fundamentals Module 12  Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care  Precision in Periodontal Instrumentation DVD	<b>Skill Preparation Assessment #8</b>  <u>Instrumentation, Charting, and Caries:</u> Exploring for plaque, calculus, decay, and restorations, disclosing, charting continued  <u>Instrumentation and Occlusion:</u> Periodontal probing technique and documentation Gingival and occlusal exam-gingival descriptors, determining occlusion, documentation	<ul style="list-style-type: none"> <li>• Read Wilkins Chapters 18, 19, 20</li> <li>• Read Fundamentals Module 12</li> <li>• Complete Fundamentals Module 12 Skill Application and Self Evaluation</li> <li>• Continue practice with exploring for plaque, calculus, decay, and restorations, disclosing, charting</li> <li>• Complete Dental Charting Typodont Models Assignment</li> <li>• Complete practice and self-assessment of the following skill evaluations: Explorers, Disclosing, and Biofilm</li> <li>• Read Clinic Manual References</li> </ul>	CC 4-9 GC a, b, c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Nov 9 Week 12 Group A/B  Nov 11 Group C	Wilkins Chapters 18, 19, 20  Fundamentals Module 12  Clinic Manual Reference – Patient Assessment/Charting; Sequence of Care  Precision in Periodontal Instrumentation DVD	<b>Skill Evaluations:</b> Explorers Disclosing Biofilm  <u>Periodontal Probing and            Gingival/Occlusal Exam:</u> Probe activity with scale; Continue with periodontal probing technique and documentation; gingival and occlusal exam- gingival descriptors, determining occlusion, documentation  <u>Calculus Charting:</u> Calculus charting practice	<ul style="list-style-type: none"> <li>• Review charting forms for periodontal probing and gingival and occlusal exam</li> <li>• View “Probing Techniques” on Precision in Periodontal Instrumentation DVD</li> <li>• Read Clinic Manual References</li> </ul>	CC 4-9 GC a, c
Nov 16 Week 13 Group A/B/C	Wilkins Chapters 16, 17, 18, 19, 20  Fundamentals Module 12  Clinic Manual Reference – Patient Assessment/Charting	<b>Skill Evaluations:</b> <b>Calculus            Restorations and Decay            Periodontal Probing -            Gingival and Occlusal Exam</b>	<ul style="list-style-type: none"> <li>• Complete calculus charting on typodont</li> <li>• Complete practice and self-assessments of the Calculus, Restorations/Decay, and Periodontal Probing and Gingival and Occlusal Exam Skill Evaluations; Refer to Course Materials Drive for mock gingival and occlusal exam PowerPoint presentation</li> <li>• Read Clinic Manual References</li> <li>• Complete Mock Practicum during practice session; feedback will be provided by instructor</li> </ul>	CC 4-9 GC a, c
Nov 23 Week 14	*Students will draw date and time	<u>Instrumentation Practicum</u> Part I – Explorers and Probe		CC 5-9 GC a, c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Assigned Students				
Nov 30 Week 15 Assigned students	*Students will draw date and time	<u>Instrumentation Practicum</u> <u>Part I – Explorers and Probe</u>		CC 5-9 GC a, c

**\*\*Please note – Lesson plan and syllabus are subject to change at the discretion of the course director.**

**COMPETENCY AREAS (CC):**

1. Asepsis
2. Ethics and Professionalism
3. Emergencies
4. Patient Assessment
5. Patient and Clinician Positioning
6. Instrumentation
7. Charting
8. Occlusion
9. Caries

**GENERAL CORE EDUCATIONAL COMPETENCIES (GC):**

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.