COURSE SYLLABUS

COURSE NO., HOURS AND TITLE: DH 207C, 4 credit hours Instrumentation Pre-Clinic

COURSE INSTRUCTOR: Teri McSherry, RDH, MSW
Senior Lecturer
Sophomore Clinic Coordinator

OFFICE LOCATION & HOURS: ASA Rm 118B
Office Phone: 618-453-7241
Office Email: tmac@siu.edu
Office Hours: Mondays 11-1pm & 3-5pm,
Wednesdays 12-2, and as needed by appointment

LAB INSTRUCTORS: Teri McSherry, RDH, MSW, Senior Lecturer
Shelly File, RDH, BS, Assistant Instructor
Office: CASA Room 126, (618) 453-7271
Colleen Torphy, RDH, BS, Assistant Instructor
Office: CASA Room 119, (618) 452-8811
Charla Lautar, RDH, PhD, Professor
Office: CASA Room 137, (618-453-7298)
Sandra Beebe, RDH, PhD, Clinical Instructor
Office: CASA Room 129, (618-453-7202)

MEETING TIMES AND LOCATION: Pre-Clinic, four hours weekly
Tuesdays 8-11:50am or1-4:50 pm ASA Rm. 17
Course date: 25 August to December 8, 2015

Academic Honesty: Students are expected to adhere to the policies regarding academic dishonesty and plagiarism, found in the latest edition of the SIUC Student Conduct Code http://policies.siu.edu/documents/StudentConductCodeFINALMay32011.pdf and http://studentlife.siu.edu/policies_resources/resources.html. All students are expected to adhere to a strict code of academic honesty. Academic dishonesty will be addressed according to the “Policies and Procedures Applicable to Academic Dishonesty” as stated in the “Important Information for Students, Faculty, & Staff” booklet.
From the *Student Conduct Code*, section II, article A:

**Acts of Academic Dishonesty:**

1. Plagiarism, representing the work of another as one’s own work;
2. Preparing work for another that is to be used as that person’s own work;
3. Cheating by any method or means;
4. Knowingly and willfully falsifying or manufacturing scientific or educational data and representing the same to be the result of scientific or scholarly experiment or research;
5. Knowingly furnishing false information to a university official relative to academic matters;
6. Soliciting, aiding, abetting, concealing, or attempting conduct in violation of this code.

Sanctions will be imposed for violations of this policy in accordance with the Student Conduct Code. A copy of the *Important Information for Students, Faculty & Staff* booklet can be obtained from the Office of the Vice Chancellor for Student Affairs, Mailcode 4308, Southern Illinois University, Carbondale, IL 62901-4308.

**Dental Hygiene Specific Academic Dishonesty System:** If a student is involved in any acts of academic dishonesty, they will be disciplined. The disciplinary action will be decided by the faculty for the course as well as the Program Director for Dental Hygiene. The disciplinary action will also be documented in the students’ permanent file. The student will sign a form that states they understand and agree with discipline.

**ADA ACCOMODATIONS:** In keeping with the goal of the implementation of the Americans with Disabilities Act (ADA), all students for whom this act applies should notify the instructor immediately. If any student needs special services, please contact Mrs. McSherry or Disability Support Services at 453-5738. Peer tutors are also available; see Robert Broomfield, Academic Advisor for the School of Allied Health for details.

**EMERGENCY PROCEDURES:** Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT’s website at [www.bert.siu.edu](http://www.bert.siu.edu), Department of Safety’s website [www.dps.siu.edu](http://www.dps.siu.edu) (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency.

Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. **It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.** The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.
COURSE DESCRIPTION: DH 207C is a pre-clinical course which introduces the student to hands-on experiences with the fundamentals of dental hygiene theory, foundational instrumentation techniques, infection control protocol, and clinical policies. Students must demonstrate clinical competence with various skills involving classmates, typodonts, clinical equipment, and clinical policies. Four hours of lab weekly. Length of course: 16 weeks. Taken concurrently with DH 207 lecture. Must be accepted into professional sequence. Restricted to DH majors only and approval from the School of Allied Health or the DH program. Laboratory fee: $35. SEQUENCING: Prerequisite to DH 220 & DH 247

PROGRAM COMPETENCIES:
C.1 Apply a professional code of ethics in all endeavors.
C.2 Adhere to state and federal laws, recommendations, and regulations in the provision of oral health care.
C.3 Use critical thinking skills and comprehensive problem-solving to identify oral health care strategies that promote patient health and wellness.
C.5 Assume responsibility for professional actions and care based on accepted scientific theories, research, and the accepted standard of care.
C.6 Continuously perform self-assessment for lifelong learning and professional growth.
C.9 Apply quality assurance mechanisms to ensure continuous commitment to accepted standards of care.
C.11 Record accurate, consistent, and complete documentation of oral health services provided.

COURSE OBJECTIVES:
At the completion of the course, the student will be able to:
1. Demonstrate effective time management in daily lifestyle and in pre-clinic. (Reinforced)
2. Demonstrate the proper communication skills (verbal and nonverbal) necessary to establish a desirable patient/operator respect and rapport. (Reinforced)
3. Demonstrate the proper operation, care and maintenance of various dental equipment used by the dental hygienist. (Introduced)
4. Disinfect and prepare the dental unit and operating area for the dental hygiene appointment. (Introduced)
5. Demonstrate effective infection control for various dental hygiene procedures. (Introduced)
6. Explain and demonstrate proper instrument preparation prior to sterilization. (Introduced)
7. Explain and demonstrate proper vibraclean operation while preparing instruments for sterilization. (Introduced)
8. Explain and demonstrate proper magnaclave (autoclave) operation for instrument sterilization. (Introduced)
9. Demonstrate the use of appropriate personal protective equipment for various dental hygiene procedures. (Introduced)
10. Demonstrate use of standard precautions on pre-clinical partner. (Introduced)
11. Demonstrate appropriate exposure control protocol. (Introduced)
12. Demonstrate the steps involved in retrieving new and/or sterile supplies without breaking the aseptic chain. (Introduced)
13. Demonstrate various hand exercises prescribed to develop manual dexterity and strength. (Introduced)
14. Select the appropriate instruments, and correct instrument end to perform a given task. (Introduced)
15. Demonstrate the modified pen grasp while utilizing dental instruments. (Introduced)
16. Demonstrate an acceptable fulcrum for all areas of the mouth when utilizing each dental instrument. (Introduced)
17. Demonstrate the proper uses of the mouth mirror, including illumination, trans-illumination, indirect vision, retraction, and protection. (Introduced)
18. Utilize proper hand and body positions and movements to promote physical well-being and time efficiency in dental hygiene care. (Introduced)
19. Demonstrate proper patient, light, and operator positioning during dental hygiene care to promote physical well-being and time efficiency. (Introduced)
20. Demonstrate correct activation and adaptation while utilizing dental instruments. (Introduced)
21. Demonstrate the proper use of the various periodontal probes. (Introduced)
22. Demonstrate the proper use of instruments (probe/dull explorer) and air in caries detection. (Introduced)
23. Demonstrate proper use of explorers in assessing tooth structure and in locating deposits. (Introduced)
24. Demonstrate the proper use of all instruments in your kit on mannequins and on lab partners. (Introduced)
25. Demonstrate appropriate technique in applying disclosant solution and calculating a plaque-free score. (Introduced)
26. Demonstrate effective extrinsic stain removal with a rubber cup and slow speed handpiece. (Introduced)

CONTENT OUTLINE:

<table>
<thead>
<tr>
<th>Topics</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Infection Control</td>
<td>5%</td>
</tr>
<tr>
<td>II. Instrument Design and Classification of Hand Instruments</td>
<td>15%</td>
</tr>
<tr>
<td>III. Fundamental Skills (Modified Pen Grasp, Fulcrums, Positioning Mouth Mirror Usage, Adaptation and Activation)</td>
<td>35%</td>
</tr>
<tr>
<td>IV. Instrumentation with Explorers, Probes, Sickles, Curets, and Mouth Mirror</td>
<td>35%</td>
</tr>
<tr>
<td>V. Stains/Selective Polishing/Disclosing</td>
<td>5%</td>
</tr>
<tr>
<td>VI. Instrument Sharpening</td>
<td>5%</td>
</tr>
</tbody>
</table>

TEXTBOOKS:

ATTENDANCE POLICY:
Attendance is mandatory. Please email the course instructor if you will not be in class—prior to class.

THERE ARE TWO TYPES OF EXCUSED ABSENCES—ILLNESS OR FUNERAL. For the absence to be excused, the student will be required to present a doctor’s excuse or a note from the funeral home.

COURSE DELIVERY/METHODOLOGY:
- Pre-clinical lab time is devoted to evaluation and remediation. Students are expected to view the videos prior to coming to class. Faculty reinforce the techniques presented on the videos, evaluate the students’ performance, and provide formal and informal feedback.
- Out of class practice will be required and necessary to develop these clinical skills.

GRADING:
How the final grade is calculated:
The final grade received in the course will be based on the number of points earned on the performance technique evaluations. The overall points earned will be divided by the total points possible and multiplied by 100 to arrive at the percentage (or standard score) for the course final grade.

Decorum violation point deductions: Points can/will be deducted as any instructor feels is appropriate to the offense (as per Professional Expectations handout). Decorum basically means the appropriate behavior, etiquette as outlined within a group. In DH207, for every 5 decorum point deductions, your final grade will drop 1% point. A 90% (A) will drop to 89% (B), etc.

Example: 192 (total points earned) ÷ 240 (total points possible) = 0.80 x 100 = 80% = B (If you have 5 decorum points deducted = -1% = 79% = C (final course) grade

PERFORMANCE TECHNIQUE EVALUATIONS
Handwashing/Gloving/De-Gloving 10
Unit Operation/ Preparation 15
Magnaclave Operation 20
Instrument Preparation/Use of Vibraclean 10
Instrumentation Technique Evaluation on manikins 80
Timed Station Instrument Design/Classification Evaluation 15
Instrument Technique Evaluation on partners 80
Polishing Evaluation on partners 10

240 possible points
Grading scale

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>59 or less</td>
<td>F</td>
</tr>
</tbody>
</table>

Policy on making up missed performance technique evaluations:

**MAKE-UP EVALUATIONS MAY BE GIVEN ONLY FOR EXCUSED ABSENCES.** An unexcused absence will result in a grade of zero for any performance technique evaluation missed. Make-up evaluations MUST be completed at the time assigned by the course instructor and as soon as the student returns to SIUC classes.

**EQUIPMENT, SUPPLIES, etc.**

- Three sets of scrubs (uniforms), jacket optional
- Faculty-approved clinic shoes
- Hu-Friedy instrument kit/cassettes
- Benco supplies/equipment
- Enviro-pac pouches
- **Plastic** clipboard/pens (blue or black)/pencils for lab/clinic
- Three-ring binder for organizing notes/3-hole punch/stapler
- Daily Planner (Personal Calendar)
- Combination Padlock--No key locks
- Nail clippers/polish remover **Your nails must be kept short and clean—NO polish allowed.**
- **NO jewelry allowed on any visible part of your body.**
- Hair brush/comb and ties/clips **Your hair must be kept up off your shoulders and out of your eyes. Long ponytails must be clipped up so they do not fall around your face.**
- Hand strength-building putty, ball or other mechanism
UNDERSTANDING OF MINIMUM GRADE REQUIREMENT

After reading the following, sign your name on both lines and return the lower half of the page to the course instructor.

I have read the syllabus for DH 207C and completely understand that a final grade of 70% or above must be attained in order to pass the class. If I do not complete DH 207C with 70% or above, I must drop out of the program and reapply for Fall Semester 2016.

_________________________  __________________________
Signature                        Date

Cut along the line. Retain upper portion for your files.
Submit lower portion to the course instructor

I have read the syllabus for DH 207C and completely understand that a final grade of 70% or above must be attained in order to pass the class. If I do not complete DH 207C with 70% or above, I must drop out of the program and reapply for Fall Semester 2016.

_________________________  __________________________
Signature                        Date