COURSE SYLLABUS

COURSE NO., HOURS AND TITLE: DH 207, 2 credit hours, Instrumentation

COURSE INSTRUCTOR: Teri McSherry, RDH, MSW
Senior Lecturer

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

MEETING TIMES AND LOCATION: Lecture, two hours weekly
Mondays 1-2:50 p.m. ASA Rm. 9D
Course date: 24 August to December 7, 2015
Final exam: Friday, December 18, 12:30-2:30pm, Rm 9D

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, Department of Safety’s website 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 207 is the lecture portion of the pre-clinical course which introduces the student to fundamentals of dental hygiene theory, foundational instrumentation techniques, infection control protocol, and clinical policies. Two hours of lecture weekly. Length of course: 16 weeks. Taken concurrently with DH207C. Must be accepted into professional sequence. Restricted to DH majors only and approval from the School of Allied Health or the DH program.

**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 class preparation. (Reinforced)
2. State and describe the various infection control concerns and challenges present in the dental office and in clinic. (Introduced)
3. Explain the rationale for standard precautions. (Introduced)
4. Explain and identify appropriate post-exposure control protocol. (Introduced)
5. Identify the design features of dental instruments and differentiate between the various groups in instruments. (Introduced)
6. Identify the appropriate instruments and correct instrument end to perform a given task. (Introduced)
7. Explain the purpose of the modified pen grasp and the function of each finger in the grasp. (Introduced)
8. Explain the function and purpose of the fulcrum. (Introduced)
9. Explain the role the mouth mirror plays in effective instrumentation. (Introduced)
10. Explain the role of ergonomics of patient/operator positioning in dental hygiene care. (Introduced)
11. Explain the role that proper patient, light, and operator positioning play in quality dental hygiene care and in maintaining operator health. (Introduced)
12. Explain the principles of activation and adaptation. (Introduced)
13. Demonstrate correct activation and adaptation while utilizing dental instruments. (Introduced)
14. Explain the significance of periodontal probing. (Introduced)
15. State and describe the proper use of the various periodontal probes. (Introduced)
16. Explain the proper use of explorers in assessing tooth structure and locating deposits. (Introduced)
17. Explain the proper use of scaling instruments in the removal of deposits. (Introduced)
18. Describe the process of disclosing teeth to identify plaque location. (Introduced)
19. Explain the concept and process of de-plaquing using scaling instruments. (Introduced)
20. Explain the concept of selective polishing. (Introduced)
21. State and describe the differences between intrinsic and extrinsic stains and how each is acquired. (Introduced)
22. Describe the steps of the “moving stone technique” for sharpening instruments. (Introduced)

**CONTENT OUTLINE:**

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

**Required:**

**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:** Course materials and grades will be posted on D2L. Instruction will be delivered in a traditional format utilizing videos, PowerPoint, lecture, course discussion, etc. Demonstrations will be presented via videotapes posted on the publisher’s website: Nield-Gehrig, J. (2013). *Fundamentals of periodontal instrumentation and advanced root instrumentation*, (7th). Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins. **Students are expected to view the videos prior to coming to class.**

**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 tests, quizzes, class assignments, and final examination. 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:** 208 (total points earned) ÷ 260 (total points possible) = 0.80 x 100 = 80%= B (If you have 5 decorum points deducted = -1% = 79%=C (final course grade)
The following is a tentative distribution of points for the class.

**LECTURE**

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<tbody>
<tr>
<td>Exam 1</td>
<td>50</td>
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<td>Exam 2</td>
<td>50</td>
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<tr>
<td>Exam 3</td>
<td>50</td>
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<tr>
<td>Final Exam</td>
<td>75</td>
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<tr>
<td>Quiz/Assignments</td>
<td>35</td>
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</tbody>
</table>

260 possible points

**Grading scale**

<table>
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<tr>
<th>Score Range</th>
<th>Grade</th>
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<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>
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<tr>
<td>59 or less</td>
<td>F</td>
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**Policy on make-up quizzes, exams, and assignments:**

MAKE-UP QUIZZES AND EXAMS MAY BE GIVEN ONLY FOR EXCUSED ABSENCES. An **unexcused absence** will result in a grade of zero for any quiz, exam or assignment missed. Make-up quizzes and exams **MUST** be taken the day the student returns to SIUC classes. **Late assignments will be dropped one letter grade for each day they are late.**
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 207 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 207 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 207 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 207 with 70% or above, I must drop out of the program and reapply for Fall Semester 2016.

__________________________________________
Signature                                           Date
Fall 2015

IMPORTANT DATES *
Semester Begins ................................................................. 08/24/2015
Last day to add a class (without instructor permission): ............ 08/30/2015
Last day to withdraw completely and receive a 100% refund: ...... 09/06/2015
Last day to drop a course using SalukiNet: .......................... 11/01/2015
Last day to file diploma application (for name to appear in Commencement program): .............................................. 09/18/2015
Final examinations: .............................................................. 12/14–12/18/2015

Note: For outreach, internet, and short course drop/add dates, visit Registrar’s Academic webpage http://registrar.siu.edu/

SPRING SEMESTER HOLIDAYS
Labor Day Holiday 09/07/2015
Fall Break 10/10—10/13/2015
Veterans Day Holiday 11/11/2015

WITHDRAWAL POLICY ~ Undergraduate only
Students who officially register for a session may not withdraw merely by the stop-ping of attendance. An official withdrawal form needs to be initiated by the
student and processed by the University. For the proper procedures to follow when dropping courses and when withdrawing from the University, please visit
http://registrar.siu.edu/pdf/ugradcatalog1314.pdf

INCOMPLETE POLICY ~ Undergraduate only
An INC is assigned when, for reasons beyond their control, students engaged in passing work are unable to complete all class assignments. An INC must be
changed to a completed grade within one semester following the term in which the course was taken, or graduation, whichever occurs first. Should the student
fail to complete the course within the time period designated, that is, by no later than the end of the semester following the term in which the course was taken,
or graduation, whichever occurs first, the incomplete will be converted to a grade of F and the grade will be computed in the student's grade point average. For
more information please visit:
http://registrar.siu.edu/grades/incomplete.html

REPEAT POLICY
An undergraduate student may, for the purpose of raising a grade, enroll in a course for credit no more than two times (two total enrollments) unless otherwise
noted in the course description. For students receiving a letter grade of A, B, C, D, or F, the course repetition must occur at Southern Illinois University
Carbondale. Only the most recent (last) grade will be calculated in the overall GPA and count toward hours earned. See full policy at
http://registrar.siu.edu/pdf/ugradcatalog1314.pdf

GRADUATE POLICIES
Graduate policies often vary from Undergraduate policies. For students receiving a letter grade of A, B, C, D, or F, the course repetition must occur at Southern Illinois University
Carbondale. Only the most recent (last) grade will be calculated in the overall GPA and count toward hours earned. See full policy at
http://registrar.siu.edu/pdf/ugradcatalog1314.pdf

DISABILITY POLICY
Disability Support Services provides the required academic and programmatic sup-port services to students with permanent and temporary disabilities. DSS
provides centralized coordination and referral services. To utilize DSS services, students must come to the DSS to open cases. The process involves interviews,
reviews of student-supplied documentation, and completion of Disability Accommodation Agreements.
http://disabilityservices.siu.edu/

PLAGIARISS CODE

MORRIS LIBRARY HOURS
http://www.lib.siu.edu/about

SAFETY AWARENESS FACTS AND EDUCATION
Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accounta-bility and the same
kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or
assaulted, you can find the appropriate resources here: http://safe.siu.edu

SALUKI CARES
The purpose of Saluki Cares is to develop, facilitate and coordinate a university-wide program of care and support for students in any type of distress—physical,
emotional, financial, or personal. By working closely with faculty, staff, students and their families, SIU will continue to display a culture of care and demonstrate
our commitment to our students and their families that they are an important part of the community. For Information on Saluki Cares: (618) 453-5714, or siucares@siu.edu,
http://diversity.siu.edu/health-and-wellness/saluki-cares

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Protocols for Syllabus attachments on the following pages. It is important that you follow these instructions and stay with your instructor during an
evacuation or sheltering emergency.

INCLUSIVE EXCELLENCE
SIU contains people from all walks of life, from many different cultures and sub-cultures, and representing all strata of society, nationalities, ethnicities, lifestyles,
and affiliations. Learning from and working with people who differ is an important part of education as well an essential preparation for any career. For more
information please visit: http://www.inclusiveexcellence.siu.edu/

LEARNING AND SUPPORT SERVICES
Help is within reach. Learning support services offers free tutoring on campus and math labs. To find more information please visit the Center for Learning and
Support Services website:
Tutoring : http://tutoring.siu.edu/
Math Labs http://tutoring.siu.edu/math_tutoring/index.html

WRITING CENTER
The Writing Center offers free tutoring services to all SIU students and faculty. To find a Center or Schedule an appointment please visit http://write.siu.edu/

AFFIRMATIVE ACTION & EQUAL OPPORTUNITY
Our office's main focus is to ensure that the university complies with federal and state equity policies and handles reporting and investigating of discrimination
cases. For more information visit:
http://diversity.siu.edu/

Additional Resources Available:
SALUKINET: https://salukinet.siu.edu/cp/home/displaylogin ADVISEMENT: http://advisement.siu.edu/ SIU ONLINE: http://online.siu.edu/