COURSE SYLLABUS  Fall 2016

COURSE NO., HOURS AND TITLE: DH 340-3 Dental Pharmacology & Pain Control

COURSE INSTRUCTORS: Danna P. Cotner, DDS
Clinical Assistant Professor, Dental Hygiene
School of Allied Health
Office: ASA Room 119
Phone: 573 335-6022 work
E-mail: dcotner@siu.edu

OFFICE HOURS: By appointment or after class

MEETING TIME/LOCATION: Lecture, 3 hours weekly: Thursdays 1-3:50, ASA Room 9D
25 August 2016 to 8 December 2016; Finals Week: 12 - 16 December 2016

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, Mail code 4308, Southern Illinois University, Carbondale, IL 62901-4308.

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 a faculty member 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 the BERT’s website at www.bert.siu.edu, Department of Public Safety’s website www.dps.siu.edu (disaster drop down) and in the Emergency Response Guidelines 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:**

**340-3 Dental Pharmacology and Pain Control**- This course is designed to teach the student about different drugs used in dentistry, the biochemical activity of each, appropriate use, interactions with other drugs or systemic conditions, and some basic pharmacology terminology. Pharmacotherapeutics will be presented to the dental hygiene student in a meaningful, practical manner. Emphasis will be placed on clinical efforts, dosages, adverse effects and contraindications of drugs commonly prescribed in dentistry or which patients may be taking under direction of other health care providers or under self-direction. Information will be presented from a perspective including the pharmacological basis for drugs, the need for and use of a medical history and legal aspects related to these subjects. Prerequisite: DH 212, 220.

**PROGRAM COMPETENCIES**

**Core Competencies (C)**

C.1 Apply a professional code of ethics in all endeavors.

C.3 Use critical thinking skills and comprehensive problem-solving to identify oral health care strategies that promote patient health and wellness.

C.4 Use evidence-based decision making to evaluate emerging technology and treatment modalities to integrate into patient dental hygiene care plans to achieve high-quality, cost-effective care.

C.5 Assume responsibility for professional actions and care based on accepted scientific theories, research, and the accepted standard of care.

C.7 Integrate accepted scientific theories and research into educational, preventive, and therapeutic oral health services.

**COURSE OBJECTIVES**

Upon completion of this course, the following will be attained:

1. The student must have a knowledge of pharmacology, sufficient to permit the proper medical evaluation of patients for dental hygiene care;
2. The student must understand the influences that drugs taken for non-dental purposes may have on a proposed treatment and be able to modify treatment plan accordingly; and
3. The student must have a thorough understanding of the therapeutic agents used in routine practice of clinical dentistry and be able to provide the patient with appropriate instructions for compliance.

4. Describe general principles of pharmacology
5. Basic mechanisms of drug action, including receptor-mediated and receptor-independent actions, agonists and antagonists, and dose effect relationships.
6. Factors that influence the pharmacokinetics of drugs.
7. Therapeutic applications of drugs, including routes of administration, and variables that affect drug response.
8. Adverse reactions and general methods of toxicity prevention.
9. The mechanism and classification of drug interactions.
10. Describe the pharmacology of each class of drugs and the dental implications relative to oral complications and alterations in dental management.

**TOPICAL OUTLINE:**

<table>
<thead>
<tr>
<th>Topics</th>
<th>Percentages</th>
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<tbody>
<tr>
<td>I. Definitions</td>
<td>5%</td>
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<tr>
<td>a) Review of biomedical sciences relevant to organ systems/disease state(s) affected by these drugs</td>
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<tr>
<td>b) Classification</td>
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<tr>
<td>c) Mechanism of action and therapeutic effects</td>
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</tbody>
</table>
d) Adverse effects, drug interactions, contraindications

II. Principles of Pharmacology 5%
   a) Sources of drug information
   b) Terminology
   c) Routes of administration
   d) Pharmacokinetics
   e) Dose-response relationships
   f) Drug-receptor reactions: mechanisms of drug action
   g) Patient variables affecting drug response: age, gender, medical conditions
   h) Adverse drug reactions and their prevention
   i) Drug interactions: mechanisms and classification

III. Prescription Writing and Drug Regulation 5%
    a) Essentials of prescription writing
    b) Laws and regulations (controlled substances)
    c) New drug development
    d) Dispensing of drugs

IV. Autonomic Nervous System 5%
    a) Parasympathetic drugs
    b) Cholinergic (parasympathomimetic)
    c) Anticholinergic
    d) Sympathetic drugs
    e) Adrenergic (sympathomimetics)
    f) Adrenergic blocking drugs (sympatholytics)
    g) Neuromuscular blocking agents and skeletal muscle relaxants

V. Cardiovascular drugs 5%
    a) Diuretics
    b) Antihypertensive drugs
    c) Drugs for heart failure
    d) Antianginal drugs
    e) Antiarrhythmic drugs
    f) Drugs for disorders of blood coagulation
    g) Drugs for hyperlipidemias

VI. Sedative/hypnotic (anti-anxiety) Drugs 5%
    a) Benzodiazepines
    b) Benzodiazepine receptor agonists
    c) Barbiturates
    d) Non-barbiturate sedative-hypnotics
    e) Centrally acting muscle relaxants

VII. Analgesics 5%
    a) Opioids
    b) Non-narcotic analgesics and Non-steroidal Anti-inflammatory Drugs (NSAIDs)
    c) Drugs for migraine headaches

VIII. Local Anesthetics 10%
      a) Routes of administration for local anesthesia
      b) Ester-types and Amide- types
c) Vasoconstrictors and local anesthesia

IX. General Anesthesia 3%
   a) Stages of anesthesia
   b) Inhaled anesthetics
   c) Intravenous anesthetics
   d) Adjuncts to anesthesia

X. Antiseizure Drugs 2%

XI. Antiparkinson Drugs 2%

XII. Drugs for Alzheimer’s disease 2%

XIII. Psychotherapeutic Drugs 2%
   a) Antipsychotic drugs
   b) Antidepressant drugs
   c) Drugs for bipolar disorder
   d) Drugs for anxiety disorders
   e) Drugs for attention deficit-hyperactivity disorder (ADHD)

XIV. Drugs of Abuse 4%
   a) Drug abuse terminology
   b) Alcohol
   c) Tobacco
   d) Marijuana
   e) Hallucinogens
   f) Stimulants (cocaine, amphetamines)
   g) Depressants
   h) Opioids
   i) Inhalants (nitrous oxide, solvents)

XV. Endocrine Agents 5%
   a) Adrenal corticosteroids
   b) Female reproductive hormones (estrogen, progestin)
   c) Male reproductive hormones (androgens, androgen antagonists)
   d) Antidiabetic drugs
   e) Thyroid agents

XVI. Drugs Affecting Immune Function 5%
   a) Antihistamines
   b) Glucocorticoids
   c) Immunosuppressive agents
   d) Cytokines and anticytokines

XVII. Drugs for Arthritis and Gout 2%

XVIII. Antineoplastic Drugs 2%

XIX. Antimicrobial Drugs 6%
   a) Antibiotics
   b) Antiviral drugs
   c) Antifungal drugs
   d) Antiparasitic drugs
   e) Fluoride
   f) Chlorhexidine
XX. Gastrointestinal Drugs 4%
XXI. Respiratory Drugs 4%
XXII. Ophthalmic Drugs 4%
XXIII. Vitamins and Dietary Supplements, Herbals 5%
XXIV. Drugs used in Emergencies 3%

Total Time: 100%

TEXTBOOKS:

Online Drug Resources: (Will also be posted on Desire2Learn) MedlinePlus.org, Drugs.com, Drugdigest.com, Lexi-Comp used in clinic. Mobile applications.

Attendance Policy:

Students are expected to attend all class sessions as scheduled. The student MUST inform the course instructor PRIOR to a class or lab meeting if he/she intends to be absent. Failure to do so will result in a zero for the day. If the student missed class due to health or emergency reasons, he/she must submit appropriate documentation as proof the absence was health/emergency related. Schedules for both lecture and lab along with planned activities are included.

Expectations of Professionalism: (Applies to lecture and lab sessions)

- Students are expected to arrive to class on time and prepared (assignments ready to hand in, readings accomplished, etc.). Late arrivals will receive a deduction of points from the final point total. As stated in the attendance policy, students are expected to attend all class/lab sessions.
- Do not wait until the last minute to consult with the instructor if you are having difficulty with the course or even a fellow classmate. Any missed quizzes or tests will not be made up unless an acceptable excuse is given along with accompanying documentation.
- The student is responsible for obtaining any missed course notes from a fellow classmate.
- All work submitted for the course should be typewritten (see applicable criteria for individual assignments), well-organized, and multiple pages stapled together, not torn corners, or paper-clipped.
- Students seen reading the newspaper, magazines, (dental or non-dental) texting, “Facebooking”, “Tweeting,” etc., or “napping” during class/lab will be promptly dismissed from the classroom/lab.
- All pagers, cell phones, MP3 players, iPods™, or other electronic devices with the exception of those directly related to the well-being of the student MUST be turned off or silenced. If you must receive a phone call during class, please sit to the rear of the room nearest the door to make a quiet exit, if necessary for an emergency.
- Excessive talking and chatter while the instructor or classmate has the “floor” is not only disrespectful, but also disruptive towards the accomplishment of the objectives—DO NOT DO IT.
- Students are expected to dress appropriately for all lab sessions (see lab schedule). Absolutely no jewelry will be worn during lab where direct patient contact occurs.

(Adapted from: The Purposes of a Syllabus, Jay Parkes and Mary B. Harris)

COURSE DELIVERY/METHODOLOGY:
Multiple methodologies are used to deliver course material: lecture/discussion, educational modules, components of problem-based learning, demonstration/performance (laboratory), web-based (Desire2Learn™) and printed media via handouts to supplement textbooks, as well as videos, and review of case studies. Whenever possible class notes will be placed on Desire2Learn™ prior to the class session to allow students the option of printing before or after the lecture.
GRADING/FINAL GRADE/GRADING SCALE:
The final grade received in the course will be based on the number of points earned on the tests, quizzes, and final examination from the lecture portion combined with the cumulative total from all laboratory competencies, review questions, and the local anesthesia examination. The actual number of overall (lecture + lab) points earned will be divided by the number of total points possible and multiplied by 100 to arrive at the percentage (or standard score) for the course final grade. THERE WILL BE NO EXTRA CREDIT.

Example: 430 (total points earned) ÷ 500 (total points possible) = 0.86 x 100 = 86.00 or 86% = B (final course) grade

No incomplete grades (“INC”) will be given. The student’s grade will be computed based upon the cumulative total. The student MUST attain a grade of “C” or better to advance otherwise the course MUST be repeated when offered in the fall.

<table>
<thead>
<tr>
<th>Grading scale (%)</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>
</tr>
</tbody>
</table>
| 50-59             | = F | REPEAT THE COURSE

INSTRUCTIONAL OBJECTIVES: Mastery of the following instructional objectives will lead toward mastery of SIU Dental Hygiene Program Core Competencies. Upon completion of each chapter, mastery of instructional objectives will be determined by means of written examination. (WE) The following Learning Objectives correspond with the required text for the course.

1. Describe the role of pharmacology in the dental hygiene process of care.
2. List and utilize the various online and computer drug references.
3. Discuss various federal drug laws and their impact on drug regulation.
4. List and discuss different types of undesirable drug effects.
5. Identify various parts of a written prescription.
6. Discuss how to avoid errors in prescription writing.
7. Discuss the concept of generic substitution.
8. Describe common routes of drug administration.
9. Identify the various types of pharmaceutical preparations.
10. Compare the differences between pharmacodynamics and pharmacokinetics.
11. Describe the characteristics of drug molecules.
12. Describe the mechanisms of drug absorption through the various membranes in the body.
13. Describe absorption through the different routes of drug administration.
14. Describe the drug–receptor interaction.
15. Distinguish between a loading dose and a maintenance dose.
16. Describe the various factors involved in the biological variations of drug dosing.
17. Understand the differences between the sympathetic and parasympathetic divisions of the autonomic nervous system.
18. Illustrate the different types of receptors and neurotransmitters in the autonomic nervous system.
19. Identify drugs affecting the autonomic nervous system (sympathetic and parasympathetic divisions).
20. Understand the differences between adrenergic and cholinergic drugs.
21. Describe the role of autonomic nervous system drugs in dentistry.
22. Explain the use of vasoconstrictors (in local anesthetics) in dental patients.
23. Discuss the mechanism of action of local anesthetics.
24. Classify local anesthetics used in dentistry.
25. Describe adverse effects of local anesthetics.
26. Describe the signs and symptoms of anesthetic toxicity.
27. Discuss the use of vasoconstrictors in medically compromised patients.
28. Discuss the concepts of dental pain.
29. Discuss the commonly used pharmacological agents used for the treatment of orofacial pain.
30. Identify drug / drug interactions that pertain to dental treatment.
31. Describe the classification of narcotic analgesics.
32. Discuss when a narcotic versus a nonnarcotic analgesic is indicated for dental patients.
33. Discuss screening methods to detect potential patients with a chemical dependency.
34. List the classifications of the different antibiotics including penicillins, cephalosporins, tetracyclines, macrolides, fluoroquinolones, and nitroimidazoles.
35. Understand the concept of bactericidal versus bacteriostatic antibiotics.
36. Describe the adverse effects of the various antibiotics.
37. Explain the use of antibiotics in periodontics, implants, oral surgery, and endodontics.
38. Discuss the rationale for use of topical agents used in dentistry.
39. Discuss the characteristics of the bacterium that causes tuberculosis.
40. List the various antimycobacterial drugs.
41. Discuss the dental adverse effects of antimycobacterial drugs.
42. Explain the role of interferons and herbal supplements in the treatment of hepatitis C.
43. Illustrate the pathophysiology of herpex simplex viruses.
44. List various antiherpetic drugs.
45. Describe the appropriate dental management of patients with herpes labialis.
46. Describe the pharmacology of currently approved drugs used in the treatment of HIV infection.
47. Describe selected drugs with adverse effects related to dentistry and how to manage them.
48. Discuss dental implications of patients taking anti-HIV drugs.
49. List the patients who are higher risk for fungal infections.
50. List common antifungal agents used to treat oral infections.
52. Describe the different types of heart diseases.
53. List the different categories of drugs used in the treatment of heart conditions.
54. Discuss the adverse effects of these drugs that are important in the dental office.
55. Describe steps used to monitor a cardiac patient who is being administered a local anesthetic with a vasoconstrictor in the dental office.
56. Describe the current theory of the etiology of peptic ulcer disease.
57. Explain the differences in treatment between peptic ulcer disease and gastroesophageal reflux disease (GERD).
58. Discuss any contraindications or precautions in dental patients with gastrointestinal disorders.
59. Discuss the pharmacological therapy for GERD.
60. Discuss the treatments for constipation and diarrhea.
61. Classify asthma into different categories.
62. Explain the management of asthma in relation to dental treatment.
63. List and describe current medications used in asthma treatment.
64. Discuss the management of COPD.
65. Describe the management of rhinitis.
66. Discuss the therapy for cough.
67. Discuss adverse effects of antihistamines, as they relate to dentistry.
68. List the different types of epilepsy.
69. Describe the management of a patient undergoing an epileptic seizure in the dental chair.
70. List and discuss drug–drug interactions with antiepileptic drugs.
71. List and discuss drugs used in the treatment of Parkinson’s disease.
72. Discuss the drug management of headaches.
73. Discuss the biochemical etiology of the various psychiatric disorders.
74. Describe the major classes of psychotherapeutic medications.
75. Discuss the adverse effects of psychotropic medications.
76. Discuss the impact of these adverse effects during dental treatment.
77. Illustrate the pathogenesis of diabetes mellitus.
78. Compare the indications and effects of the available medications used to treat diabetes mellitus.
79. Explain the dental management of diabetic patients.
80. Describe the various drug / drug interactions of diabetic medications.
81. State the dental management of the patient with thyroid disorders.
82. State the management of the dental patient taking corticosteroids.
83. Describe the dental indications of topical corticosteroids.
84. Describe important dental concerns of corticosteroids.
85. Summarize the components of oral contraceptives and dental concerns.
86. Discuss the views of complementary and alternative medicine.
87. Describe the actions of various herbal products used in dentistry.
88. List common adverse effects and drug–herb interactions.
89. Discuss the role of herbal medicine in dentistry.
DH 340-Pharmacology Class Meeting/Activity Schedule—Fall 2016

Schedule Hints:
- Refer to Text:
- Practice case studies may be assigned on the web or discussed in class/groups;
- We may refer to various websites throughout the semester and non-scheduled assignments will be announced accordingly.

The instructor reserves the right to alter the schedule when necessary. Be flexible! Read RQ at end of each chapter in the text. You will not be required to submit these for grading, unless notified.

Course Requirements and Criteria

<table>
<thead>
<tr>
<th>Session</th>
<th>Date (Thursday)</th>
<th>Activity</th>
<th>Notes/Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>8/25</td>
<td>Introduction to DH 340; Receive syllabus, review course expectations&lt;br&gt;Chapter 1- Introduction&lt;br&gt;Chapter 2 – Prescription Writing&lt;br&gt;Chapter 3- Fundamentals</td>
<td>Read Ch 1-2-3 (Text)</td>
</tr>
<tr>
<td>#2</td>
<td>9/1</td>
<td>Chapter 3- Autonomic Nervous System - Sympathetic</td>
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<tr>
<td>#3</td>
<td>9/8</td>
<td>Chapter 3 – Autonomic Nervous System - Parasympathetic&lt;br&gt;Review Sympathetic / Parasympathetic</td>
<td>Read Ch 3</td>
</tr>
<tr>
<td>#4</td>
<td>9/15</td>
<td>Test -1 (Chpt 1-2-3)&lt;br&gt;Chapter 4 –Local Anesthetic&lt;br&gt;Chapter 6 – Drugs for Pain Control -Non-narcotic</td>
<td>Read Ch 4, Ch 6</td>
</tr>
<tr>
<td>#5</td>
<td>9/22</td>
<td>Chapter 6 – Drugs for Pain Control - Narcotic&lt;br&gt;Chapter 9 – Antineoplastic, Immunosuppressant, Bisphosphonate</td>
<td>Read Ch 6, Ch 9</td>
</tr>
<tr>
<td>#6</td>
<td>9/29</td>
<td>Test-2 (Chpt 4-6-9)&lt;br&gt;Chapter 7 – Anti-bacterial</td>
<td>Read Ch 7</td>
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<tr>
<td>#7</td>
<td>10/6</td>
<td>Chapter 7 – Anti-bacterial&lt;br&gt;American Heart Ass Endocarditis/ Prosthetic Guidelines</td>
<td>Read Ch 7, American Heart Ass Guidelines, Prosthetic Guidelines</td>
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<tr>
<td>#8</td>
<td>10/13</td>
<td>Chapter 8 – Antifungal/ Antiviral</td>
<td>Read Ch 8</td>
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<tr>
<td>#9</td>
<td>10/20</td>
<td>Test -3 (Ch 7-8)&lt;br&gt;Chapter 11 - Cardiovascular</td>
<td>Read Ch 11</td>
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<tr>
<td>#10</td>
<td>10/27</td>
<td>Test -4 (Ch 11)&lt;br&gt;Chapter – Autocoid/Antihistamines</td>
<td>Read Ch</td>
</tr>
<tr>
<td>#11</td>
<td>11/3</td>
<td>Chapter 13 - Respiratory&lt;br&gt;Chapter 12 - Gastrointestinal</td>
<td>Read Ch 13, Ch12</td>
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<tr>
<td>#12</td>
<td>11/10</td>
<td>Test – 5 (Ch 13-12)&lt;br&gt;Chapter 16 – Endocrine / Hormonal</td>
<td>Read Ch 16</td>
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<tr>
<td>#13</td>
<td>11/17</td>
<td>Chapter 15 - Psychotherapeutic&lt;br&gt;Chapter 14 - Neurological</td>
<td>Read Ch15, Ch14</td>
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<tr>
<td>XXXX</td>
<td>11/24</td>
<td>NO CLASS THANKSGIVING BREAK 11/23-27</td>
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<tr>
<td>#14</td>
<td>12/1</td>
<td>Test – 6 (Ch 16-15-14)&lt;br&gt;Case Study Presentations</td>
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<tr>
<td>#15</td>
<td>12/8</td>
<td>Case Study Presentations, ICE forms</td>
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<tr>
<td>#16</td>
<td>12/15</td>
<td>Final Exam Thursday 12:30 to 2:30</td>
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IMPORTANT DATES *

Semester Class Begins: 08/22/2016
Last day to add full-term course (without Dean’s signature): 08/28/2016
Last day to withdraw from the University with a full refund: 09/02/2016
Last day to drop a full-term course for a credit/refund: 09/04/2016
Deadline to apply to graduate at the end of this term: 09/16/2016
Last day to drop a full-term course (W grade, no refund): 10/30/2016
Final examinations: 12/12–12/16/2016
Commencement: 12/17/2016

Note: For more detailed information on the above deadlines, please visit http://registrar.siu.edu/calendars. For add/drop dates that apply to shorter-than-full-term courses, please look at the Schedule of Classes search results at http://registrar.siu.edu/schedclass/index.html.

FALL SEMESTER HOLIDAYS
Labor Day Holiday 09/05/2016
Fall Break 10/08—10/11/2016
Veterans Day Holiday 11/11/2016

WITHDRAWAL POLICY ~ Undergraduate only
Students who officially register for a session must officially withdraw from that registration in a timely manner to avoid being charged as well as receiving a failing grade for those classes. An official withdrawal must be initiated by the student, or on behalf of the student through the academic unit, and be processed by the Registrar’s office. For the proper procedures to follow when dropping courses and when withdrawing from SIU visit: http://registrar.siu.edu/students/withdraw.html

INCOMPLETE POLICY ~ Undergraduate only
An INC grade may be assigned when, for reasons beyond their control, students engaged in passing work are unable to complete all class assignments for the course. An INC must be changed to a completed grade within one full semester (undergraduates), and one full year (graduate students), from the close of the term in which the course was taken or graduation, whichever occurs first. Should the student fail to complete the remaining course requirements within the time period designated, the incomplete will be converted to a grade of F and such grade will be computed in the student's grade point average. For more information 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 more than once. For students receiving a letter grade of A, B, C, D, or F, the course repetition must occur at Southern Illinois University Carbondale. Effective for courses taken Summer 2013 or later, only the most recent (last) grade will be calculated in the overall GPA and count toward hours earned.

This policy will be applied to all transferrable credit in that only the last grade will be used to calculate grade point average. Only those courses taken at the same institution are considered repeats under this policy. See full policy at http://registrar.siu.edu/students/ repeatclasses.html

GRADUATE POLICIES
Graduate policies often vary from Undergraduate policies. To view the applicable policies for graduate students, please refer to the graduate catalog at http://gradschool.siu.edu/about-us/grad-catalog/index.html

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

PLAGIARISM
Student Conduct Code http://srr.siu.edu/student_conduct_code/
Guidelines for Faculty

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 accountability 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 to our students and their families that they are an important part of the community. For Information on Saluki Cares: call (618) 453-1492, email siucares@siu.edu, or http://salukicares.siu.edu/index.html

SIU's EARLY WARNING INTERVENTION PROGRAM (EWIP)
Students enrolled in courses participating in SIU’s Early Warning Intervention Program might be contacted by University staff during a semester. More information can be found at the Core Curriculum’s Overview webpage: http://corecurriculum.siu.edu/program-overview/

EMERGENCY PROCEDURES
We ask that you become familiar with Emergency Preparedness @ SIU. Emergency response information is available on posters in buildings on cam-pus, on the Emergency Preparedness @ SIU website, and though text and email alerts. To register for alerts visit: http://emergency.siu.edu/

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 visit: http://www.inclusiveexcellence.siu.edu/

LEARNING AND SUPPORT SERVICES
Help is within reach. Learning support services offers free tutoring on cam-pus 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://math.siu.edu/courses/course-help.php

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/#

MILITARY COMMUNITY
There are complexities of being a member of the military community and also a student. Drill schedules, calls to active duty, complications with GI Bill disbursement, and other unforeseen military and veteran related developments can complicate academic life. If you are a member of the military community and in need of accommodations please visit Veterans Services at http://veterans.siu.edu/

Additional Resources:
ADVISEMENT: http://advisement.siu.edu/
SIU ONLINE: http://online.siu.edu/
SALUKINET: https://salukinet.siu.edu/
MORRIS LIBRARY HOURS: http://www.lib.siu.edu/

Provost Website : http://pvcaa.siu.edu/