COURSE NAME: Basic Chemistry / Pharmacology

CREDIT HOURS: 2

INSTRUCTOR:

OFFICE HOURS:

OFFICE NUMBER:

OFFICE PHONE: EMAIL:

EMERGENCY CONTACT: Annette Starrett (353-3708)
E-MAIL: annette.starrett@nscc.edu

COURSE DESCRIPTION:
An introduction to basic Chemistry and Pharmacology with emphasis on drugs and techniques used in the operating room. Topics include medication measurements and delivery, types and actions of medication, routes of administration, drug calculations and scenarios, and medications used in surgery.

COURSE OBJECTIVES:

- The student will demonstrate knowledge of common drugs used in the surgical field.

- The student will demonstrate knowledge of drug interactions involving drugs used from the surgical field.

- The student will demonstrate knowledge of drug precautions involving drugs used from the surgical field.

- The student will demonstrate skills necessary to safely handle drugs from the surgical field.

- The student will demonstrate skills necessary to monitor amount of medications used from the surgical field.

- The student will demonstrate knowledge appropriate protocols related to drug handling and administration from the surgical field.

- The student will demonstrate knowledge of correct drug calculations and accuracy in solving drug scenario calculations.
TEXTS:
Pharmacology for the Surgical Technologist, Snyder/Keegan-2nd EDITION

Disclaimer: Textbooks frequently change editions, so please be sure to check with the school bookstore to verify the current ISBN of the textbook before purchasing the textbook.

GRADING CRITERIA:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Test Average</td>
<td>70%</td>
</tr>
<tr>
<td>Exercise/Assignment Average</td>
<td>2%</td>
</tr>
<tr>
<td>Research Paper</td>
<td>3%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
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METHOD OF EVALUATION:
- Tests will consist of multiple choice, matching, fill in the blank, drug scenario calculations and written-answer questions and practical examinations. **ON THE DAY OF EXAMS, A SIGN WILL BE POSTED ON THE DOOR STATING AN EXAM IS IN PROGRESS. DO NOT ENTER THE CLASSROOM WHEN THIS SIGN IS POSTED AS THAT CONSTITUTES DISRUPTIVE BEHAVIOR AND YOU WILL NOT BE SEATED FOR THE EXAM.**
- Assignments will be completed throughout the semester and will include in-class as well as take home assignments. Take home assignments that are not available for turn in on the designated date for return WILL NOT BE ACCEPTED FOR CREDIT.
- The final examination will be comprehensive in addition to covering any new material covered since the last regularly scheduled test of the semester.
- Each of you will be assigned to a group. Each group will be assigned a group leader, and a topic will be given as a class project, **CLASS PRESENTATION**, that must be done. It will account for 3% of your final grade. Guidelines will be discussed soon.

- **ALL INFORMATION AND EXAM ANSWERS MUST BE FROM THE PHARMACOLOGY FOR THE SURGICAL TECHNOLOGIST BOOK, SNYDER/KEEGAN, 2nd EDITION**
- **A SMALL HAND HELD CALCULATOR IS REQUIRED FOR THIS COURSE. IT CANNOT BE USED ON THE FINAL EXAM. CORRECT SPELLING IS EXTREMELY IMPORTANT IN THIS COURSE.** It is strongly suggested that you
purchase a pair of safety goggles for use when dealing with needles and syringes. They may also be used in the lab for check-offs.

MAKE-UP EXAMS WILL ONLY BE PERMITTED WITH THE FOLLOWING CIRCUMSTANCES: THE DEATH OF AN IMMEDIATE FAMILY MEMBER: MOTHER, FATHER, SPOUSE, CHILD, BROTHER, SISTER, GRANDPARENT, OR THE STUDENT IS HOSPITALIZED ON THE DATE OF THE EXAM.

IT IS THE RESPONSIBILITY OF THE STUDENT TO NOTIFY THE INSTRUCTOR OR CHRISTINA DISMORE OF AN EMERGENCY SITUATION WHICH PREVENTS YOU FROM TAKING THE EXAM AT THE SCHEDULED TIME. NOTIFICATION MUST BE RECEIVED AT LEAST 30 MINUTES PRIOR TO THE SCHEDULED EXAM_TIME. IF A STUDENT FAILS TO TAKE A SCHEDULED EXAM WITHOUT NOTIFICATION OF AN EMERGENCY SITUATION, THE SCORE FOR THAT EXAM IS A ZERO (0). Written verification of absence will be requested.

- WHEN A MAKE-UP EXAM IS PERMITTED, the exam will be placed in the testing AS SOON AS POSSIBLE at the end of the class.
- IT IS YOUR RESPONSIBILITY TO NOTIFY THE INSTRUCTOR OR CHRISTINA DISMORE AT THE ABOVE LISTED PHONE NUMBERS IF YOU WILL NOT BE IN CLASS. PLEASE SEE THE FOLLOWING ATTENDANCE POLICY.
- A WEB SHELL FOR THIS COURSE IS MADE AVAILABLE TO YOU. IT IS SUGGESTED THAT YOU LOG ON FREQUENTLY TO CHECK ANY UPDATED INFORMATION CONCERNING ASSIGNMENTS AND INFORMATION RELATIVE TO THIS COURSE. The instructor is made aware each time you log onto the shell.

GRADING SCALE:

<table>
<thead>
<tr>
<th>Score</th>
<th>Grade</th>
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<tbody>
<tr>
<td>93-100</td>
<td>A</td>
</tr>
<tr>
<td>84-92</td>
<td>B</td>
</tr>
<tr>
<td>75-83</td>
<td>C*</td>
</tr>
<tr>
<td>66-74</td>
<td>D</td>
</tr>
<tr>
<td>65 and below</td>
<td>F</td>
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BELOW IS THE GRADING SCALE DIRECTLY FROM THE STUDENT CATALOG.

- A Superior
- B Excellent
- C Average
- D* Passing, but below Average
- I Incomplete
W Withdrawal-INITIATED BY STUDENT

F Failure

FA Failure, attendance-related (unofficial withdrawal) Last date of Attendance required

FN Failure, never attended class (unofficial withdrawal)

AU Audit

Grades of “W”, “I”, “X”, and “AU” have no grade point value and are not used in computing grade point average.

I Incomplete – The “I” indicates that the student has not completed all of the course work due to such extenuating circumstances as personal illness, death in the family, or other justifiable reasons. If the “I” grade is not removed by the deadline, it will be automatically change to an “F”. The deadlines for removal are in the Records Office and listed on Academic Calendars found in the catalog and all printed schedules.

X Continuation – The “X” indicates the student attempted a remedial or developmental course, but progress was not sufficient to warrant a grade. It carries no connotation of failure. It indicates the student, upon the advice of the instructor, should register for the same course and takes more time to earn a grade. The “X” grade is restricted to use in the R/D courses. An overall maximum of 15 semester hours of “X” is allowed. Veterans who are receiving educational benefits cannot be awarded an “X” grade in any course.

AU Audit (see requirements for auditing a course elsewhere in this catalog).

*The class must be completed with a 75 or higher to count toward the Surgical Technology Program.

CHEATING:

DON’T do it.

• Plagiarism, cheating and other forms of academic dishonesty is prohibited. Students found guilty of academic dishonesty, either directly or indirectly through participation or assistance are immediately responsible to the instructor of the class.

• Academic dishonesty: Any form of academic dishonesty, cheating, plagiarizing, or other academic misconduct is prohibited. Plagiarism may result from: (1) failing to cite quotations and borrowed ideas, (2) failing to enclose borrowed language in quotation marks, and (3) failing to put summaries and paraphrases in your own words.

• In addition to other possible disciplinary sanctions that may be imposed through the regular institutional procedures as a result of academic misconduct:

• THE INSTRUCTOR HAS THE AUTHORITY TO ASSIGN AN “F” OR “O” FOR THE EXERCISE OR EXAMINATION OR TO ASSIGN AN “F” FOR THE COURSE.

• PLEASE REFER TO THE STUDENTS HANDBOOK FOR ANY FURTHER EXPLANATION CONCERNING CHEATING AND PLAGIARISM. COPIES ARE AVAILABLE AT VARIOUS LOCATIONS THROUGHOUT THE CAMPUS.

• IN CLASS ASSIGNMENTS INVOLVING DRUG CALCULATIONS AND SCENARIOS MUST BE DONE INDEPENDENTLY WITHOUT ASSISTANCE FROM ANOTHER STUDENT. ASSISTING ANOTHER STUDENT
WITH SOLVING DRUG SCENARIOS WILL BE VIEWED AS CHEATING. FAILURE TO ABIDE BY THIS RULE WILL MANDATE A ZERO (0) FOR THAT PARTICULAR ASSIGNMENT.

ATTENDANCE:

TWO (2) absences are permitted in this class. Once three (3) classes are missed an FA will be issued to financial aid and records. ONCE AN FA IS ISSUED, YOU ARE PERMITTED TO CONTINUE THE CLASS AND TAKE EXAMS. ONCE THE FA IS ISSUED IT IS FINAL. Be aware that an FA may impact future financial aid. A DR’S NOTE DOES NOT EXCUSE YOU FROM CLASS. A CLASS MISSED IS A CLASS MISSED REGARDLESS OF THE SITUATION. I STRONGLY SUGGEST YOU MAINTAIN A RECORD OF ABSENCES AND TARDIES.

- Arriving late to class TWICE will be counted as one absence. Leaving class at break time or after class has started, counts as a late arrival.
- Excuses, WHEN REQUESTED, will require documentation including students name, date, time, and reason for absence on letterhead and may require third party verification. A physicians’ note does not excuse you from class. A class missed is a class missed regardless of the situation.
- ANY STUDENT WHO IS ABSENT IS RESPONSIBLE FOR THE MISSED CONTENT OF THE CLASS. THE STUDENT IS ENCOURAGED TO GET NOTES AND INFORMATION FROM ANOTHER STUDENT OR TO CONTACT THE INSTRUCTOR.
- A SIGN-IN SHEET WILL BE PRESENT IN ALL CLASSES. IT IS YOUR RESPONSIBILITY TO SIGN THIS SHEET EVEN IF LATE FOR CLASS. NO SIGNATURE IS INDICATIVE THAT YOU MISSED CLASS.
- ACADEMIC AND CLASSROOM MISCONDUCT:
- NASHVILLE STATE HAS A ZERO TOLERANCE FOR DISRUPTIVE BEHAVIOR IN THE CLASSROOM. HERE IS THE POLICY:
- DISRUPTIVE BEHAVIOR IN THE CLASSROOM MAY BE DEFINED AS, BUT NOT LIMITED TO, BEHAVIOR THAT DISRUPTS OR OBSTRUCTS THE LEARNING ENVIRONMENT (E.G., OFFENSIVE LANGUAGE, HARASSMENT OF STUDENTS AND PROFESSORS, REPEATED OUTBURSTS FROM A STUDENT WHICH DISRUPTS THE FLOW OF INSTRUCTION OR PREVENTS CONCENTRATION ON THE SUBJECT, CONTINUING TO TALK AFTER THE LECTURE HAS BEGUN, FAILURE TO COOPERATE IN MAINTAINING CLASSROOM DECORUM, ETC., THE CONTINUED USE OF ANY ELECTRONIC OR OTHER NOISE OR LIGHT EMITTING DEVICE WHICH DISRUPTS OTHERS (E.G., DISRUPTING NOISES FROM BEEPERS, CELL PHONES, PALM PILOTS, LAP TOP COMPUTERS, GAMES, ETC. Cell phones are to be TURNED OFF prior to entering the classroom. In the event you have an urgent situation that requires your cell phone to remain on, you are to notify the instructor at the beginning of the class who will seat you in an area so that if a message is received, you may exit the classroom without disturbing other students.
This class is not to be recorded. If the ESL department has evaluated you and determined that recording this class is beneficial for comprehension, please present to the instructor appropriate paperwork to verify permission from the ESL department. Text messaging during lecture will mandate removal from class and return to class will be at the discretion of the Dean of Students.

- A web shell has been created for this class. It is your responsibility to check this site frequently. Any form of communication will be posted on this shell, such as grades, attendance issues, assignments, etc. Directions on how to access the web shell will be demonstrated in class.

Nashville State Tech complies with the Americans with Disabilities Act. If you wish to request an accommodation for this class, please notify the instructor as soon as possible.

Note:
This syllabus is a master syllabus. Specific course requirements are subject to revision at the discretion of the individual instructor. A course syllabus will be provided the first day of class.