**Course Title:** Nursing Pathophysiology (3-0-0)

**Course Number:** NUR 2324

**Prerequisite:** Biology 2423 (Anatomy), Biology 2424 (Physiology); minimum of C required on all coursework for consideration.

**Recommended:** Biology 2411 (Elementary Microbiology) recommended; minimum of C required on all coursework for consideration.

**Course Description:**

This course focuses on functional alterations in human health. Fifteen topics will be considered as broad concepts and individual and group work will focus on aligning specific clinical models in the context of the alterations. This course is designed for the nursing student in mind and as such relies on not only the expansion of basic knowledge but the application of this knowledge in a clinical sense.

**Course Methods:**

A variety of strategies may be employed to enhance skills in Pathophysiology including review of case studies and the analysis of evidence based journal articles. The primary method of instruction is through classroom discussion and will focus on 1) basic cellular alterations (pathological processes, diagnosis, manifestations), 2) contributions to the topic relative a genomics focus and 3) general knowledge regarding treatment modalities. Both individual work as well as group activity will be stressed.

**Course Objectives:** Upon completion of the course, the student will be able to:

1. To demonstrate knowledge in discerning normal function of organ systems compared to alterations in function.
2. To demonstrate knowledge in basic cellular mechanisms that contribute to groups of diseases in order to more aptly apply this knowledge in clinical settings.
3. To demonstrate knowledge in pathogenesis, criteria for diagnosis, signs and symptoms and treatment.
4. To demonstrate knowledge in clinical conditions having a genetic etiology which effect basic alterations in cellular function.
5. To demonstrate skill in finding/understanding evidence based medical information and to incorporate this knowledge within the context of providing appropriate healthcare.
6. To demonstrate knowledge in meeting safety considerations for the management of patients/patient materials in order to minimize risk within the context of providing appropriate patient care.
IDEA Objectives

• Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
• Learning to apply course material (to improve thinking, problem solving and decision)
• Learning to apply knowledge and skills to benefit others or serve the public good

Course Outline-Summer 2020
Undergraduate Pathophysiology

Summer Pathophysiology Class Schedule (includes reading assignment, collaborate sessions, projects and assignments-case studies)

June 1-7

Reading assignment

• Chapter One
• Chapter Six
• Chapter Two

Collaborate session-June 5th Friday 10 AM

Assignment

• Chapter one terminology assignment (in submit assignment tab with instruction) due June 4th
• Case 6.1 or 6.2 or 6.3 (your choice-they are in the submit assignments tab with instruction)- due June 4th

June 8-14

Reading assignment

• Chapter Seven-read before June 11th
Collaborate session - June 11th Thursday 10 AM

Exam ONE - June 12 (covers chapter 1, 2, 6 & 7)

Reading assignment - after exam

- Chapter three

Assignment

- Case 7 or 17 or 26- (your choice - they are in your Neafsey casebook - required text for this course). Note: all remaining case studies come from the Neafsey textbook. Instructions and link for submission in submit assignments tab/ case folder. Due June 21.

June 15-21

Reading assignment

- Chapter four
- Chapter 8/electrolytes section only
- Chapter 9/ acid base imbalance

Collaborate session - June 19 Friday 10 AM

Assignment

- Case three - due June 21
- Case 6 or 28 - due June 24
• ABG problems (these are located in the submit assignments tab)- **due June 24**

**June 22-28**

**Reading assignment**

• Chapter eight - fluid imbalance section
• Chapter eighteen - elimination

**Collaborate session:** June 25th Thursday 10 AM

**Exam Two:** June 26th (chapter 3, 4, 8/electrolytes, and 9/acid base)

**Assignment**

• Case 5/fluids- **due July 5th**
• Case 8 or 10 or 25- **due July 5th**

**June 29-July 5th**

**Reading assignment**

• Chapter twenty

**No collaborate session**

**Assignment**

• Diabetes project- **due July 7** (instructions in submit assignments tab)

**July 6-12**

**Reading assignment**
• Chapter thirteen
No collaborate session
Assignment
• Hormones project—due July 12

July 13-19
Reading assignment
• Chapter fourteen
Collaborate—July 16 Thursday 10 AM
Exam three—July 17th (chapter 8 fluids, chapter 18 and chapter 20)
No assignment

July 20-26
Reading assignment
• Chapter fifteen
• Chapter sixteen
Collaborate session—July 24 Friday 10 AM
Assignment
• Case 1 or 9—due July 26th
• Case 15 or 24—due July 31st

July 27-Aug 2nd
Reading assignment

• Chapter ten
• Chapter twelve

Collaborate session-July 31st

No assignment

Aug 3rd

Final exam /comprehensive (50% chapter 15, 16, 10 & 12; 50% the entire semester material)

General Information
Lecture days/times:
online

Office hours
Phone conference by appt only if needed

Jacqueline.brown@angelo.edu.
Instructor office: Archer College Suite 318N
Instructor office phone number: 325-486-6864

Teaching Methods/Strategies:
This course will be taught using a concept approach and will focus on individual work. Student centered learning will be the primary focus and will involve a number of activities including the development of care plans, analyzing evidence based journal articles and case studies.

Policies related to this course: All students are required to follow the policies and procedures presented in the Angelo State University Undergraduate Nursing Handbook, located on the Nursing website http://www.angelo.edu/dept/nursing/handbook/index.html

Evaluation:
Course grades will be dependent upon meeting the learning objectives and completing activities of the course. Evaluation of student comprehension and application of learned
concepts will take the form of examinations that include both multiple choice and short answer questions.

Final grades will be recorded as earned with no rounding of scores, according to policy set forth by the Nursing department and which is contained in the Nursing Student Handbook. Extra credit work will not be allowed. The weighting of class work is as follows:

Examinations:
- Exam one: 20%
- Exam two: 20%
- Exam three: 20%
- Final Exam/comprehensive: 30%

Assignments/Quizzes/Case studies 10%

**Testing:**
Evaluation of student learning in this course may take a variety of forms, including in online testing or individual/group mini projects. Online testing will be utilized. All students must take it upon themselves to review the workings of the lockdown browser and respondus monitor. For testing, all steps prior to and during the online exam must be adhered to. Failure to follow the directions could result in students not being allowed to continue with the exam. Any attempt to use a phone camera, internet sources, watches, notes, books etc during the exam will be treated as cheating. No resources whatsoever can be used during an exam this summer for this course. Information regarding respondus monitor can be found within our bb course.

For exams, it is important to start at the designated time. No exceptions. Any attempt to start the exam after the first ten minutes of start time will not be allowed. All students must be hard wired for exam taking. I will be monitoring the respondus activity at the beginning of the exam. Students having an issue with the exam must email me first and then call IT in order to be allowed re-access.

Make up exams are difficult to schedule. If you must be absent from an exam due to illness, personal emergency etc, you must notify me before test start time. Any make up exam that is deemed appropriate to administer can take an alternate format. It is strongly encouraged that students make every attempt to take the exam on the date it is scheduled. Again, communication with me is essential and this communication cannot take place at a time after the exam has already taken place. When an exam is allowed for makeup purpose, it will be scheduled at the instructor’s convenience. The instructor will make every attempt to re-schedule a time that works well for the student. However if there are more than one student in this situation, both students will be scheduled at the same time/date.

**Grading**
All assignments have due dates. I will adhere to those as you should. No exceptions will be made to the due dates. The penalty for not turning in an assignment on time is as follows:
80% of earned grade if late one day.
60% of earned grade if two days late.
If more than two days late, a zero will be placed into grade center for that assignment.

GENERAL POLICIES RELATED TO THIS COURSE
All students are required to follow the policies and procedures presented in the following documents:

- Angelo State University Student Handbook located on the ASU website: http://www.angelo.edu/student-handbook/
- ASU Nursing Program Undergraduate Student Handbook, located on the Nursing website http://www.angelo.edu/dept/nursing/handbook/index.html

PRE-REQUISITE SKILLS
Accessing internet web sites, use of ASU Library resources, and proficiency with Microsoft Word and/or PowerPoint are an expectation of the Generic BSN program. Computer requirements are further delineated in the Department of Nursing Undergraduate Student Handbook. Tutorials for ASU Library and for Blackboard are available through RamPort. The ASU Nursing Program Undergraduate Student Handbook should be reviewed before taking this course (http://www.angelo.edu/dept/nursing/handbook/index.html).

STUDENT RESPONSIBILITY & ATTENDANCE
In order to complete this course successfully, you do have to participate in all course activities, including assignments, discussions in class, quizzes, exams and projects. Students are expected to engage in course activities and submit work by due dates and times.

Homework policy: All work must be turned in on the specified due date. Most of the time the homework will be submitted to assignment links in blackboard. I will announce through blackboard any deviation from this practice. Homework is assigned well in advance of a due date. Since most of the assignments are submitted through blackboard there should be very few reasons that justify late submissions. I reserve the right to alter due dates and will do so with announcement in class/bb-email system. When I make changes it is for the convenience of students.

Late homework policy: For every class day that an assignment is late, 20 points will be
deducted from earned grade. This will hold true for two days. After two days of being late, a zero will be added to the grade center.

**Missing assignments due to absence:**
If you must miss class, please email instructor in advance of class that will be missed. If email is received, any work that was missed can be made up. However it is the student’s responsibility to stay on top of missed work, not the instructor. Additionally, for planning purposes, this class will require a minimum of 3-6 study hours per week on average, depending on the student’s ability to comprehend the information. It is critical to read the chapters in the book prior to coming class and to have the charts completed prior to class. That is why the charts are due prior to covering the material in class.

**COMMUNICATION**

Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday although reasonable attempt will be made to accommodate learning during this time.

*Written communication via email:* All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes.

Instructor communicates exclusively through blackboard email and announcements outside of face to face classroom communication. Instructor also follows up in announcement format to all students reminders of due dates, assignments, etc.

**ACADEMIC INTEGRITY**
Academic honesty is expected on all work. Students are expected to maintain complete honesty and integrity in their educational experiences. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU. All codes and policies are set forth in the University Student Handbook of Angelo State University [http://www.angelo.edu/student-handbook/](http://www.angelo.edu/student-handbook/) as well as the Department of Nursing Undergraduate Student Handbook [http://www.angelo.edu/dept/nursing/handbook/index.html](http://www.angelo.edu/dept/nursing/handbook/index.html).

**PLAGIARISM**
Plagiarism at ASU is a serious topic. The Angelo State University’s Honor Code gives specific details on plagiarism and what it encompasses. Plagiarism is the
action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word for word without quotation marks and the source of the quotation. We use the APA Style Manual of the American Psychological Association as a guide for all writing assignments. Quotes should be used sparingly. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list. Papers are subject to be evaluated for originality via Bb Safe Assignment or Turnitin. Resources to help you understand this policy better are available at the ASU Writing Center

PERSONS WITH DISABILITIES AND SPECIAL ACCOMMODATIONS REQUEST

“Disability Services is part of the Office of Student Affairs at Angelo State University. Angelo State’s Office of Student Affairs works to ensure that qualified students with disabilities have equal access to all institutional programs and services. The office advocates responsibly for the needs of students with disabilities and educates the campus community so that others can understand and support students with disabilities.”

For more information on learning disabilities and how to apply for accommodations through the ASU Disability Services visit http://www.angelo.edu/services/disability-services/

The following includes contact information for Disability Services at ASU:

ada@angelo.edu
Phone: 325-942-2047
Fax: 325-942-2211
Address: Houston Harte University Center, 112, ASU Station #11047, San Angelo, TX 76909

INCOMPLETE GRADE POLICY (OP 10.11 Grading Procedures)
It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required.
STUDENT ABSENCE FOR OBSERVANCE OF RELIGIOUS HOLY DAYS
1. “A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence.” Please see ASU Operating Policy 10.19.

COPYRIGHT POLICY
Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

SYLLABUS CHANGES
The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student’s responsibility to look for such communications about the course on a daily basis.

BROWSER COMPATIBILITY CHECK
It is the student’s responsibility to ensure that the browser used to access course material on his/her computer is compatible with ASU’s Blackboard Learning System. The faculty reserve the right to deny additional access to course assignments lost due to compatibility issues. Students are responsible for reviewing the guidelines posted in this course regarding accessing Blackboard assignments. Problems in this area need to be discussed with faculty at the time of occurrence, either via a phone call (preferred) during posted acceptable hours for calling, or via email notification during times outside those posted for calls.

Be sure to perform a browser test. Select the “Technology Support” tab from the Blackboard homepage (http://www.blackboard.angelo.edu). Then select “Test your Browser” option located under the Browser Test header.

Please see computer requirements for BSN classes at this link:

http://www.angelo.edu/dept/nursing/student_resources/computer_requirements.php

Required Textbooks:

Textbook:


Other: