

Georgia College & State University
 College of Health Sciences
 School of Nursing Graduate Non - Clinical Courses
 Fall 2019

Course Information

Course Title	Advanced Physiology & Pathophysiology
Course #	6300 Section W10, W02, W03
Catalog Description	Provides understanding of relationship between normal processes of the human body and alterations during disease and disorders in adults and children. Both cellular and organ system functions are examined.
Prerequisites	Acceptance into the MSN program
Co-Requisites	none
Credit Hours:	Class: 3 hours
Face to Face or Synchronous online	50%
Online Asynchronous	50%

Course Faculty

Debby MacMillan PhD, CNM, RNC Section W03	Office Location: Parks Memorial 230 Office Hours: online by request via webex Contact: email through course site in D2L 478-445-1795
Sandra Copeland, DNP, CNS-BC, FNP-C Section W01	Office Location HSB Lab Office Hours Online by request via webex Contact email through course site in D2L
Glynnis Haley, DNP, FNP-C Section W02	Office Location HSB Lab Office Hours Online by request via webex Contact email through course site in D2L

Required Texts & Resources

Section W01 Davis Advantage Online Class ID: 580811011433HX7PQ Section W02 Davis Advantage Online Class ID: 5808110114338H5CB Section W03 Davis Advantage Online Class ID: 58081101143352P7H Pathophysiology: Introductory Concepts and Clinical Perspectives Theresa Capriotti and Joan Parker Frizzell Authors F.A. Davis Publishing	ISBN # 978-0-8036-1571-7
American Psychological Association. (2009). <i>Publication manual of the American Psychological Association</i> (6 th ed.). Washington, DC: Author.	ISBN: 978-1-4338-0559-2

Georgia College MSN Program Outcomes

Upon completion of the MSN program the graduate will:

1.	Integrate liberal arts foundation with scholarly inquiry and client values as a basis for problem solving.
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2.	Demonstrate leadership in the advanced specialty role through legal and ethical decision making, accountability, and a commitment to quality improvement and safety.
3.	Demonstrate informatics and healthcare technology competencies to enhance outcomes for clients and populations.
4.	Advocate for ethical policies that promote access, equity, quality, and cost effectiveness.
5.	Collaborate within nursing and inter-professional teams to improve client and population health.
6.	Demonstrate the competencies associated with the graduate nursing specialty role.

Course Outcomes

Upon completion of this course, the student will:

	Course Outcome	Program Outcome
1.	Describe environmental factors both physiological and psychological, which may alter the homeostatic balance along the health-illness continuum.	# 1, # 6
2.	Describe the relationship between abnormal structure and dysfunction on chemical, cellular, organ, and system levels.	# 1, # 6
3.	Link clinical and laboratory test findings with the epidemiology, etiology, pathogenesis and symptomatology of specific disease processes.	# 1, # 6
4.	Apply diagnostic reasoning to the assessment and evaluation of case study situations.	# 1, # 2, # 6

Teaching & Learning Methods Used in Course

This course uses a combination of teaching and learning methods such as lecture, discussion, classroom activities, demonstrations, use of online resources, case studies, presentations, group activities, and written assignments.

Course Evaluation Methods

Evaluation Method	% of Course Grade	Course Outcome(s)
Davis Advantage Online Pre Assessment and Activities	35%	# 1, # 6
Davis Online and Post-Assessment	10%	# 1, # 6
Synchronous Class Participation with Case studies	15%	# 1, # 2, # 3, # 4
Written Case Narrative	20%	# 1, # 2, # 3, # 4
Final Exam	20%	# 1, # 2, # 3, # 4

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Grading Scale

The course grade will be determined using the following grading scale:

A = 90-100	B = 80-89	C = 75-79	D = 66-74	F ≤ 65
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Grades will not be rounded.

University Policies and Resources

<p>Academic Honesty</p>	<p>The integrity of students and their written and oral work is a critical component of the academic process. Students are expected to abide by the Honor Code and Code of Conduct in the Student Handbook. Cheating on an examination or assignment may result in a grade of “0” for the course and dismissal from the nursing program. In addition, faculty may report the student to the GCSU Judicial Committee for additional review and disciplinary actions. The academic dishonesty policy in the GCSU Student Handbook will be followed.</p> <p>Students are expected to submit original work. It is the student’s responsibility to avoid plagiarism. Submission of plagiarized assignments may result in a grade of “0” for the assignment, a grade of “0” for the course, and dismissal from the nursing program.</p> <p>Additionally, since nursing is a practice discipline, submission of patient care assignments that are copied from another source or made-up constitutes false documentation and is unprofessional and may result in a grade of “0” for the assignment, a grade of “0” for the course, and possible dismissal from the nursing program.</p> <p>The GCSU Student Handbook can be found at this link: http://www.gcsu.edu/studentaffairs/handbook</p>
<p>Religious Observance</p>	<p>Students are permitted to miss class in observance of religious holidays and other activities observed by a religious group of which the student is a member without academic penalty. Exercising of one’s rights under this policy is subject to the GC Honor Code. Students who miss class in observance of a religious holiday or event are required to make up the coursework missed as a result from the absence. The nature of the make-up assignments and the deadline for completion of such assignments are at the sole discretion of the instructor. Failure to follow the prescribed procedures voids all student rights under this policy.</p>
<p>Assistance for Student Needs Related to Disability</p>	<p>If you have a disability as described by the Americans with Disabilities Act (ADA) and the Rehabilitation Act of 1973, Section 504, you may be eligible to receive accommodations to assist in programmatic and physical accessibility. Disability Services can assist you in formulating a reasonable accommodation plan and in providing support in developing appropriate accommodations to ensure equal access to all GC programs and facilities. Course requirements will not be waived, but accommodations may assist you in meeting the requirements. For documentation requirements and for additional information, we recommend that you contact Disability Services located in Lanier Hall at 478-445-5931.</p>
<p>Student Rating of Instruction Survey</p>	<p>Given the technological sophistication of Georgia College students, the student opinion survey is being delivered through an online process. Your constructive feedback plays an indispensable role in shaping quality education at Georgia College. All responses are completely confidential and your name is not stored with your response in any way. In addition, instructors will not see any results of the opinion survey until after final grades are submitted to the University. An invitation to complete the online opinion survey is distributed to students near the end of the semester.</p>
<p>Fire Drills</p>	<p>Fire drills will be conducted annually. In the event of a fire alarm, students will exit the building in a quick and orderly manner through the nearest hallway exit. Learn the floor plan and exits of the building. Do not use elevators. If you encounter heavy smoke, crawl on the floor so as to gain fresh air. Assist disabled persons and others if possible without endangering your own life. Assemble for a head count on the front lawn of main campus or other designated assembly area.</p>
<p>Electronic Recording Policy</p>	<p>Electronic video and/or audio recording is not permitted during any class unless the student obtains permission from the instructor and every student present. If permission is granted, any distribution of the recording is prohibited. Violation of this policy is grounds for removal from the class and referral for disciplinary action. Students granted specific electronic recording accommodations from Disability</p>

	Services do not require special permission; however, the instructor must be notified. Any distribution is prohibited.
Academic Grievances or Appeals	An academic grievance or appeal is an allegation by a student of substantial and/or unjustified deviation, to the student's detriment, from policies, procedures and/or requirements regarding admission, grading policies, special agreements, instructor's requirements and academic requirements of the University. Students shall have the right to file academic grievances or appeals according to the procedures approved by the University and outlined in the University Catalog.
Interlibrary Loan	Students are encouraged to use the GCSU Library and the interlibrary loan services (http://www2.gcsu.edu/library/ill/) to obtain journal articles relevant to this course.

College of Health Sciences Policies

HSB Classrooms	No food, drink or chewing gum is permitted in the classrooms within the Health Sciences building or Navicent Baldwin Simulation and Translational Research Center. This policy is set by the Dean of College of Health Sciences. You may consume food and beverages in the 3 rd floor commons area of HSB and in the student lounge area at Navicent Baldwin. In the classrooms you may have water only, in a securely lidded container.
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School of Nursing Policies

Catalog and Handbook Requirements	All policies in the current Georgia College & State University Graduate Catalog and in the Graduate Nursing Student Handbook are applicable. The GCSU Graduate Catalog can be located on the official college website. The Graduate Nursing Student Handbook can be found in GeorgiaView Nightingale Café.
Rounding Policy	There will be no rounding of grades until the final grade. Individual exam or assignment grades are not rounded. Example: a 79.4 will not be rounded to 75)
Communication	All students must regularly check their bobcats email and Georgia View email to receive official communication from university faculty and staff. Students are required to access course materials online through Georgia View.
Technology Requirements	Students will be required to access library materials, submit course assignments and use extensive online resources from the course website in GeorgiaVIEW (D2L) and on other websites. To ensure that you are able to access these resources and submit assignments, please refer to the Georgia College minimum technology requirements. Students have access to all needed technology resources in the university computer labs/library. Also the IDEAS help desk can verify that you have all needed software and settings on your personal device. 478-445-2520.
Bobcat Cards	All students must have an activated Bobcat identification card. The Bobcat card is required to use all library services. Students are required to obtain a photo identification badge that must be worn during all laboratory experiences. This badge may be obtained at the Bobcat card office.

Course Specific Policies

Communication with Course Faculty	
Class Attendance	Refer to SON Graduate Course & Clinical Guidelines Policy # 3003.
Electronic Devices	All electronic devices should be on mute, silent, or off during class. Usage in class activities will be determined by the instructor. Refer to SON Course & Clinical Guidelines Policy #1102.
Course Testing	Refer to SON Online Testing Policy #3000.

Davis Advantage Online Weekly Activities (35% Course Grade)

Students will have pre-assessment quizzes assigned each unit that correspond to the online learning modules. After

the pre-assessment quizzes the student will complete the online activities that include video and other activities.

Davis Advantage Activities are meant to serve as feedback to the student and provide formative assessment about the mastery of the concepts related to advanced pathophysiology.

Davis Advantage Post- Assessment Quizzes - Individual Work (10% Course Grade)

Students will have quizzes assigned each week that correspond to the online learning modules. These quizzes are to be completed by the assigned date on the calendar in the Davis Advantage online course. ** Must score a minimum of 80% on all Davis post-assessments to receive the full credit*

Synchronous Class Participation with Case studies 15%

Written Case Narrative - Individual Work (20% of course grade)

During the course of the semester the student will complete a Case Narrative. The case narrative will utilize an actual /or potential patient that is relevant to the Educator or specific APRN role of the student. The student will follow the outline provided for this narrative.

1. Summary of a common diseases/illnesses seen in a selected body system 20%
2. Pertinent subjective data 10%
3. Pertinent objective data 10%
4. Diagnosis with differential (Include pathophysiology of the specific diagnosis, as well as diagnostic tests and labs needed to confirm) 25%.
5. Management plan, including Rx, education, prevention, and follow-up (Discuss the pharmacokinetic and pharmacodynamics of the drug treatment) 20%
6. Guidelines and research pertinent to disease 15%

Final Exam (20% of Course Grade)

The final exam for this course will be cumulative and cover the material from the entire course. It will be a combination of multiple choice and case study questions.