Instructor Information

Instructor: Regina Urban, PhD, RN-BC, CCRN, CNE
Office Number: 628-A Pickard Hall
Office Telephone Number: 817-272-2776
E-mail Address: Canvas email. If unable to correspond via Canvas: rurban@uta.edu. Every attempt is made to respond to emails within 24 hours. Please resend your original email if no response is made within that time frame.

Faculty profile: https://mentis.uta.edu/explore/profile/regina-urban

Office Hours: Wednesday and Friday, by appointment only.

Time and Place of Class Meetings:
N3366-001: Wednesday 1-3:50 pm; room 204 (Pickard Hall)
N3366-003: Friday 8-10:50 am; room 223 (Pickard Hall)

Instructor: Deborah Hughes, MS, RN, CCRN
Office Number: 616 Pickard Hall
Office Telephone Number: 817-272-2776
E-mail Address: Canvas email. If unable to correspond via Canvas: dhughes@uta.edu. Every attempt is made to respond to emails within 24 hours. Please resend your original email if no response is made within that time frame.

Faculty profile: https://mentis.uta.edu/explore/profile/deborah-hughes

Office Hours: Monday and Thursday, by appointment only.

Course Information

Time and Place of Class Meetings:
N3366-002: Thursday 8-10:50 am; room 104 (Pickard Hall)

Description of Course Content: Pathophysiologic alterations, their interactions, and effects on persons across the lifespan as a basis for therapeutic nursing interventions. Prerequisite: BIOL 2457, 2458, CHEM 1451.

Student Learning Outcomes:
1. Discuss human anatomical structures, physiologic processes and pathologic alterations that are expressed as diseases of cells, organs and body systems across the lifespan.
2. Describe environmental and genetic factors known to influence disease development.
3. Describe epidemiological, etiological, and risk factors associated with prevention, transmission, restoration, and/or modification of disease processes.
4. Describe specific compensatory mechanisms used by the human body in response to pathophysiologic processes.
5. Relate pathophysiologic functioning of selected processes with the resulting signs and symptoms.
6. Apply knowledge of select pathologic processes in the nursing management of patient diseases across the lifespan.
7. Apply current research findings with evidence-based guidelines for the nursing management of selected diseases.
Recommended Textbooks:

For reference as needed: any nursing/medical dictionary (examples: Mosby's, Tabers); any anatomy and physiology book; any microbiology book.

Descriptions of major assignments and examinations: Students are responsible for reading the syllabus and course schedule and submitting in Canvas the attestation form for N3366. The due date for submitting this form is listed in Canvas.

Assignments:
There are a total of five assignments, cumulatively worth 10% of the final grade. Each assignment is worth 2%. See Class Schedule for their dates and deadlines.
- Assignment questions are configured exactly like the exam questions. Each assignment is due one day prior to each scheduled exam. Assignment #5 is not cumulative and only addresses Cushing's and Addison's disease, Diabetes and GI disorders.
- Each assignment can be taken two times. The highest assignment score will be recorded in the grade book.
- Each student is to do the assignments on their own. Working through the assignment questions will be enormously beneficial to understanding course concepts, developing critical thinking skills and being successful on the course exams.

Exams:
There are a total of five exams, each worth 18%. See Class Schedule for their dates.
- Exams 1, 2, 3, & 4 will be given during the first 60 minutes of class, with lecture following the exam. Content on each of these exams is not cumulative.
- Exam 5 is the final exam. Its content is cumulative. Students will be given 1 hour and 48 minutes (108 minutes) to complete the final exam.
- All exams are proctored and may be given either in the written (paper) format or on a computer at UTA.
- **See the Exam Administrative Procedures (Exam Rules) document that is posted in Canvas.

Grading Information
Grading: In order to successfully complete an undergraduate nursing course at UTA, the following minimum criteria must be met:

70% weighted average on proctored exams.
70% weighted average on major written assignments (if applicable).

In this course all five proctored exams count toward the required minimum exam average of 70.00%. These items are not included in this calculation— all five assignments. In determining the final course grade, the weighted average on all five proctored exams as outlined above will be checked first. If a student achieves a 70.00% with no rounding of the average on these course components, the additional graded items (the five assignment grades) will count toward the final course grade. If the student does not achieve a 70.00% with no rounding of the average on the components listed, the grade stands as a D or F as determined by the numerical value from the weighted average on the five proctored exams as listed above. In addition, there are no opportunities for “make-up” assignments or to earn extra credit in this course.

In undergraduate nursing courses, all grade calculations will be carried out to two decimal places and there will be no rounding of final grades. Grades will be accessible via Canvas. Letter grades for exams, written assignments and end-of-course grades, etc. shall be:

A= 90.00 - 100.00
Exam Policy: Exam scheduling and administration procedures are standardized among all pre-nursing and upper-division courses in the pre-licensure nursing program. The full policy, located in the CONHI Policy and Handbook Library, includes details related to exam development, exam scheduling and accommodations, exam administration, testing environment, and post-exam procedures.

1. Excused Absences: legal obligation, military obligations, pre-approved university-sponsored events, emergency situations, religious holy days, death of family member, or illness
   - Requirements: To be considered for a re-scheduled exam, the student must notify faculty prior to exam start date and time; documentation of incident is required and must be provided within 48 hours following exam due date and time. Documentation for illness requires proof of a visit to a healthcare provider. There are no exceptions to this rule.
   - The make-up exam may include alternative questions and/or test format. There will be no point deductions for an excused exam absence.

2. Unexcused Absences: oversleeping, exam date oversight, computer / technical issues, or other reasons not listed under excused absences
   - Requirements: To be considered for a re-scheduled exam, the student must notify faculty with their request within 48 hours of the exam due date and time. The exam must be scheduled within 7 days of the original exam due date and time.
   - The make-up exam may include alternative questions and/or test format and will have a point penalty of 20 points.
   - A student may only have one unexcused absence per course. Subsequent unexcused absences will result in a ‘0’ on the exam.
   - Students will not be allowed to take exam in another section without penalty due to an unexcused absence.

3. Exam Tardy:
   - Proctored Exams: If a student arrives late to a proctored exam, they are only allowed the remaining time to complete the exam. For example, for a 60-minute exam, if a student arrives and has only 13 minutes left, that is all the time they will be given to complete their exam.
   - Online Assignments:
     - The Learning Management System (Canvas) will auto-submit the assignment at the due date and time of the assignment. For example, if an assignment is due before 11:59 p.m. and the student begins the assignment at 11:50 p.m., the student will have only 8 minutes and 59 seconds to complete the assignment. If the student has not completed all questions before 11:59, the assignment will be scored based on what has been completed and students will not be allowed to complete questions left unanswered.

4. Students will only be allowed one 20-point penalty per course, whether it is the result of an unexcused absence or a late submission.

5. Check-In Procedures: Students are expected to arrive 15 minutes prior to the start of the exam. To be admitted into the testing room, students must provide a MavID or a government-issued photo ID. See Exam Administration Procedures (Exam Rules) document for further details.

6. Post-Exam Procedures:
   - Once all students enrolled in the course have completed testing, faculty will conduct reviews of exam statistics and make subsequent adjustments to ensure exams are valid measures of student learning. Students wishing to review their exam must follow faculty-designated processes (see Exam Administration Procedures document). Students may have an opportunity to provide feedback on the exam at the exam site.
   - Discussing exam items and taking written materials from the testing site will result in referral for academic dishonesty. After any and all exams, there must be no electronic or face-to-face
discussion with students from other sections of the course or with students who have not taken the exam. Discussion of exam questions outside the classroom is considered collusion to cheat and will be referred to the Office of Student Conduct. Students who are aware of other students discussing exam questions are expected to report and failure to do so is also considered collusion and scholastic dishonesty. For the full policy, please refer to the UG Student Handbook.

**Late Assignment Submission:** There are five assignments in this course. Students will only be allowed one 20-point penalty in the course, whether it is the result of an unexcused absence or a late submission of an assignment or exam. The course grade is determined by the numerical value from the weighted average of the five proctored exams and the five online assignments (see Exam policy for missed or late exams/assignments). There are no opportunities for “make-up” assignments or to earn extra credit in this course.

**UTA College of Nursing and Health Innovation Progression Criteria:**
1. Knowledge of pharmacology and pathophysiology are essential to nursing program success.
2. If you are struggling with the course (ie. exam #1 and #2 grades that are below 65%), seek assistance from your faculty or your advisor and strongly consider dropping the course.
3. If you fail the course:
   a. You are placed on probation and must meet with your academic advisor each semester to develop a success plan
   b. Admission will be delayed by at least a long semester course (see chart):

<table>
<thead>
<tr>
<th>Application for</th>
<th>Non-Passing Term</th>
<th>Passing Term</th>
<th>Eligible to re-apply</th>
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</thead>
<tbody>
<tr>
<td>Fall 2020</td>
<td>Fall 2019</td>
<td>Spring or Summer 2020</td>
<td>Fall 2020</td>
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<tr>
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<td>Fall 2020 or Spring 2021</td>
<td>Fall 2021</td>
</tr>
</tbody>
</table>

c. You must retake the course and earn a grade of “C” or higher

d. The failing grade will be used to compute your nursing application/admission GPA

4. If you fail two pre-nursing courses (NURS 3365 or NURS 3366), you are not eligible to start the program for five years. Please refer to the following policies for more information:

   Bachelor of Science in Nursing Policies (pre - licensure). Prerequisite and Upper- Division Nursing Program Eligibility Policies: [https://www.uta.edu/conhi/students/policy/index.php](https://www.uta.edu/conhi/students/policy/index.php)

**Grade Grievances:** In an attempt to resolve a complaint, the student must first make a serious effort to resolve the matter with the individual with whom the grievance originated. Faculty of the course has the primary responsibility for assigning grades. Appeals of the official grade assigned to a student for a course will not, therefore, be considered at levels above the faculty unless a student offers evidence of:

- Differential treatment – examples might be providing benefits such as extra time for assignments to some but not all students in the class; excluding some students from attendance or other course requirements, OR
- Procedural irregularities – examples might be adding a new requirement that was not listed in the class syllabus; using criteria for grades not made available to the student ahead of time.

The full procedure for student grievances can be found in the College of Nursing Student Handbook: [https://www.uta.edu/conhi/students/policy/index.php](https://www.uta.edu/conhi/students/policy/index.php)

**Institution Information**

UTA students are encouraged to review the below institutional policies and informational sections and reach out to the specific office with any questions. To view this institutional information, please visit the Institutional Information page (http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) which includes the following policies among others:

- Drop Policy
Additional Information

Attendance: At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section I have elected to take attendance but will not factor attendance into the grade.

However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Canvas. This date is reported to the Department of Education for federal financial aid recipients.

If a student enters the course after the first day of class during late registration, they will be responsible for any missed course material.

Emergency Exit Procedures: Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest stairwell. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

Student Support Services: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php

The IDEAS Center (2nd Floor of Central Library) offers FREE tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in, or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.

The English Writing Center (411LIBR): The Writing Center offers FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at https://uta.mywconline.com. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see www.uta.edu/owl for detailed information on all our programs and services. The Library’s 2nd floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library’s hours of operation. http://library.uta.edu/academic-plaza

UTA Library: http://www.uta.edu/library/help/subject-librarians.php

Nursing Librarians: nursinglibrarians@uta.edu

Gretchen Trkay.......................... gtrkay@uta.edu
Peace Ossom Williamson.......... peace@uta.edu
Heather Scalf.............................. scalf@uta.edu
CONHI Student Handbook: The Undergraduate BSN Student Handbook can be found by going to the following link:  http://www.uta.edu/library/help/subject-librarians.php

Emergency Phone Numbers: In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911. Non-emergency number 817-272-3381. Enter the UTA Police Department’s emergency phone number into your own mobile phone.

Please see course schedules on the next page.
<table>
<thead>
<tr>
<th>W E E K</th>
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| 1       | PATHO 1st day) 8/21 | • Course Overview, Syllabus (required reading).  
• ATTESTATION DUE  
• Basic Concepts of Pathophysiology  
• Genetic Influence in Disease | Prep #1             | xviii-xxii Ch. 5 & 6 |
| 2       | 8/28       | • Alterations in Fluids, Electrolytes, & Intracellular Functions                  | Prep #2             | Ch.1, 8,10         |
| 3       | 9/4        | • Altered Tissue & Cellular Proliferation                                        | Prep #3             | Ch. 2,4,7          |
| 4       | 9/10       | Assignment #1 due in Canvas by 11:59pm                                           |                     |                    |
| 4       | 9/11       | Exam 1 (1 hour)  
• Online Lecture: Mechanisms of Defense: Alterations in Inflammation & Immune Function, Part I | Prep #4             | Ch.3, 15,16        |
| 5       | 9/18       |  
• Mechanisms of Defense: Alterations in Inflammation & Immune Function            | Prep #4             | Ch.3, 15,16        |
| 6       | 9/25       | • Mechanisms of Defense: Infection  
• Disorders of Hematologic Systems                                                | Prep #4             | Ch.14              |
| 7       | 10/1       | Assignment #2 due in Canvas by 11:59pm                                           | Prep #4             | Ch.11,12, 13       |
| 7       | 10/2       | Exam 2 (1 hour)  
• Online Lecture: Disorders of Circulatory System: Peripheral Vascular Problems (listen to both venous and arterial problems)  
• Online Lecture: CV Prepcast | Prep #6             | Ch.17,18,19,20     |
| 8       | 10/9       |  
• Disorders of Circulatory System: Cardiovascular Problems                        | Prep #6             | Ch.17,18,19,20     |
| 9       | 10/16      | • Disorders of Pulmonary System                                                  | Prep #7             | Ch.21,23           |
| 10      | 10/22      | Assignment #3 due in Canvas by 11:59pm                                           | Prep #10            | Ch.31, 32          |
| 10      | 10/23      | Exam 3 (1 hour)  
• Online Lecture: Disorders of Endocrine System, Part I | Prep #8             | Ch.25,26,27,39,40,41 |
| 11      | 10/30      |  
• Disorders of Renal & Genitourinary Systems                                      | Prep #9             | Ch. 34, 35,36,37  |
| 12      | 11/6       | • Disorders of Neurologic System                                                 |                     |                    |
| 12      | 11/12      | Assignment #4 due in Canvas by 11:59pm                                           | Prep #10            | Ch. 32,33          |
| 13      | 11/13      | Exam 4 (1 hour)  
• Online Lecture: Disorders of Endocrine System, Part II  
• Post-exam 4 Self-Study Session~                                           | Prep #11            | Ch.28,29,30        |
| 14      | 11/20      | • Disorders of Gastrointestinal System                                           |                     |                    |
| 15      | 11/27      | Happy Thanksgiving                                                                |                     |                    |
| 16      | 12/4       | • Formal review for Final Exam AND Self-Study Session                            |                     |                    |
| 17      | 12/10      | Assignment #5 due in Canvas by 11:59pm                                           |                     |                    |
| 17      | 12/11      | Final Exam (1 hr & 48mins.)  
NOTE: FINAL EXAM DATES WILL FOLLOW THE UNIVERSITY SCHEDULE AND MAY BE SUBJECT TO CHANGE  
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• Genetic Influence in Disease | Prep #1             | xviii-xxii Ch. 5 & 6 |
| 2    | 8/29       | • Alterations in Fluids, Electrolytes, & Intracellular Functions                  | Prep #2             | Ch.1, 8,10         |
| 3    | 9/5        | • Altered Tissue & Cellular Proliferation                                          | Prep #3             | Ch. 2,4,7          |
| 4    | 9/11       | **Assignment #1 due in Canvas by 11:59pm**                                        |                     |                    |
| 4    | 9/12       | **Exam 1 (1 hour)**  
• Mechanisms of Defense: Alterations in Inflammation & Immune Function            | Prep #4             | Ch.3, 15,16        |
| 5    | 9/19       | **Post-exam 1 Self-Study Session**                                                | Prep #4             | Ch.3, 15,16        |
| 6    | 9/26       | • Mechanisms of Defense, cont  
• Disorders of Hematologic Systems                                                   | Prep #4             | Ch.14 Ch.11,12,13  |
| 7    | 10/2       | **Assignment #2 due in Canvas by 11:59pm**                                        |                     |                    |
| 7    | 10/3       | **Exam 2 (1 hour)**  
• A & P review of circulatory system                                              | Prep #6             | Ch.17,18,19,20     |
| 8    | 10/10      | **Post-exam 2 Self-Study Session**                                                | Prep #6             | Ch.17,18,19,20     |
| 9    | 10/17      | • Disorders of Circulatory System: Peripheral Vascular Problems  
• Disorders of Circulatory System: Cardiovascular Problems                         | Prep #7             | Ch.21,23           |
| 10   | 10/23      | **Assignment #3 due in Canvas by 11:59pm**                                        |                     |                    |
| 10   | 10/24      | **Exam 3 (1 hour)**  
• Disorders of Endocrine System, Part I                                            | Prep #10            | Ch.31, 32          |
| 11   | 10/31      | **Post-exam 3 Self-Study Sessions**                                               | Prep #8             | Ch.25,26,27,39,40,41 |
| 12   | 11/7       | Disorders of Neurologic System                                                    | Prep #9             | Ch. 34, 35,36,37   |
| 13   | 11/13      | **Assignment #4 due in Canvas by 11:59pm**                                        |                     |                    |
| 13   | 11/14      | **Exam 4 (1 hour)**  
Disorders of Endocrine System, Part II                                            | Prep #10            | Ch.32,33           |
| 14   | 11/21      | **Post-exam 4 Self-Study Session**                                                | Prep #10            | Ch.32, 33 Ch.28,29,30 |
| 15   | 11/28      | **Happy Thanksgiving**                                                            |                     |                    |
| 16   | 12/3       | **TUESDAY - Formal review for Final Exam AND Self-Study Session**                 |                     |                    |
| 16   | 12/4       | **Assignment #5 due in Canvas by 11:59pm**                                        |                     |                    |
| 16   | 12/5       | **Final Exam (1 hr & 48 mins.)**                                                  |                     |                    |

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| 2       | 8/30       | • Alterations in Fluids, Electrolytes, & Intracellular Functions                 | Prep #2             | Ch.1, 8, 10        |
| 3       | 9/6        | • Altered Tissue & Cellular Proliferation                                        | Prep #3             | Ch. 2, 4, 7        |
| 4       | 9/12       | Assignment #1 due in Canvas by 11:59pm                                           |                     |                    |
| 4       | 9/13       | Exam 1 (1 hour)  
• Online Lecture: Mechanisms of Defense: Alterations in Inflammation & Immune Function, Part One | Prep #4             |                    |
| 5       | 9/20       | ~Post-exam 1 Self-Study Session~  
• Mechanisms of Defense: Alterations in Inflammation & Immune Function | Prep #4             | Ch.3, 15, 16      |
| 6       | 9/27       | • Mechanisms of Defense: Infection  
• Disorders of Hematologic Systems                                               | Prep #4 Prep #5     | Ch.14 Ch.11, 12, 13|
| 7       | 10/3       | Assignment #2 due in Canvas by 11:59pm                                           |                     |                    |
| 7       | 10/4       | Exam 2 (1 hour)  
• Online Lecture: Disorders of Circulatory System: Peripheral Vascular Problems (listen to both venous and arterial problems)  
• Online Lecture: CV Preecast | Prep #6             | Ch.17, 18, 19, 20 |
| 8       | 10/11      | ~Post-exam 2 Self-Study Session~  
• Disorders of Circulatory System: Cardiovascular Problems                      | Prep #6             | Ch.17, 18, 19, 20 |
| 9       | 10/18      | • Disorders of Pulmonary System                                                  | Prep #7             | Ch.21, 23         |
| 10      | 10/24      | Assignment #3 due in Canvas by 11:59pm                                           |                     |                    |
| 10      | 10/25      | Exam 3 (1 hour)  
• Online Lecture: Disorders of Endocrine System, Part I                         | Prep #10            | Ch.31, 32         |
| 11      | 11/1       | ~Post-exam 3 Self-Study Sessions~  
• Disorders of Renal & Genitourinary Systems                                       | Prep #8             | Ch. 25, 26, 27, 39, 40, 41 |
| 12      | 11/8       | • Disorders of Neurologic System                                                 | Prep #9             | Ch. 34, 35, 36, 37 |
| 13      | 11/14      | Assignment #4 due in Canvas by 11:59pm                                           |                     |                    |
| 13      | 11/15      | Exam 4 (1 hour)  
• Online Lecture: Disorders of Endocrine System, Part II  
• Online Lecture: Disorders of Gastrointestinal System                            | Prep #10 Prep #11   | Ch.32, 33 Ch.28,29,30 |
| 14      | 11/22      | • Formal review for Final Exam AND Self-Study Session                            |                     |                    |
| 15      | 11/29      | Happy Thanksgiving                                                              |                     |                    |
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