NURS 3366, Section 072: Pathophysiological Processes: Implications for Nursing  
Spring 2020

Instructor Information

Instructor: Regina Urban, PhD, RN-BC, CCRN, CNE  
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Faculty profile: https://mentis.uta.edu/explore/profile/regina-urban  
Office Hours: By appointment only. Contact the instructor via email with questions and issues. We make every effort to respond within 24 hours. If you do not receive a response within that time, please re-send your original e-mail to us again.

Course Information

Section Information: NURS 3366: Pathophysiologic Processes, Section 072

Time and Place of Class Meetings: This course is offered completely online.

Description of Course Content:
Pathophysiologic alterations, their interactions, and effects on persons across the life span 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 and Other Course Materials:

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:

- No major assignments are required in this course.
- Five closed-book multiple choice exams are given in this course using Respondus Lockdown Browser and Monitor. These exams are timed, with 1.5 minutes given for each question.
- All five exams are weighted equally in this course. Together they make up 90% of your weighted total average.
- **New for the Spring 2020 Semester:**
  - Important guidelines must be followed while taking a video proctored exam using Respondus Lockdown Browser. Links to exam policies and procedures for testing online are listed below and are also located in the Canvas course.
  - You must purchase and use an external webcam for all exams in this course. Webcams that are built into monitors or laptop computers may not be used for testing in this course.

### Exam Weight

<table>
<thead>
<tr>
<th>Exams</th>
<th>Weight of Exams in the Weighted Total Average</th>
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</thead>
<tbody>
<tr>
<td>Exam One: 45 questions – 68 minutes</td>
<td>18%</td>
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<tr>
<td>Exam Two: 45 questions – 68 minutes</td>
<td>18%</td>
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<tr>
<td>Exam Three: 45 questions – 68 minutes</td>
<td>18%</td>
</tr>
<tr>
<td>Exam Four: 45 questions – 68 minutes</td>
<td>18%</td>
</tr>
<tr>
<td>Exam Five: 72 questions – 108 minutes</td>
<td>18%</td>
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</tbody>
</table>

**Minor Assignments:**

- There are 10 module-based assignments in this course.
- These are open book multiple choice assignments. A word document is located in each Module with the assignment questions for your convenience.
- You are given two submission attempts for these assignments. 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.
- All 10 assignments are weighted equally in this course. Together they make up 10% of your weighted total average.

### Assignment Weight

<table>
<thead>
<tr>
<th>Module Assignments</th>
<th>Weight of Assignments in the Weighted Total Average</th>
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</thead>
<tbody>
<tr>
<td>Assignment One</td>
<td>1.00%</td>
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<tr>
<td>Assignment Two</td>
<td>1.00%</td>
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<tr>
<td>Assignment Three</td>
<td>1.00%</td>
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<tr>
<td>Assignment Four and Five</td>
<td>1.00%</td>
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<tr>
<td>Assignment Six and Seven</td>
<td>1.00%</td>
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<tr>
<td>Assignment Eight</td>
<td>1.00%</td>
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<td>Assignment Nine</td>
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<td>Assignment Ten</td>
<td>1.00%</td>
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<tr>
<td>Assignment Eleven</td>
<td>1.00%</td>
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<tr>
<td>Assignment Twelve</td>
<td>1.00%</td>
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</table>

**Other Requirements:** Additional course-specific information regarding exams, course assignments, and expectations for taking exams as an online student in this course is located in Canvas and will be posted with the syllabus. **It is required that you review this information prior to submitting your course attestation.**
Grading Information

Grading:
Students are expected to keep track of their performance throughout the semester and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels; see “Student Support Services,” below.

Minimum Passing Criteria:
In order to successfully complete an undergraduate nursing course at UTA, the following minimum criteria must be met:
- 70% weighted average on proctored exams
- The following exams are included in the 70% weighted average for major proctored exams: Exam 1, 2, 3, 4, & 5.

The following assignments are included in the average for written assignments: Assignments 1 – 10.

In determining the final course grade, the weighted average on 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 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 major proctored exams and/or major written assignments listed above. On all tests, the grades are rounded to two decimal places (i.e., 85.679=85.68). For the final course grade there will be no rounding (i.e., 89.67=B, 69.99=D). A final course grade of C or better is required in all nursing courses to pass.

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
- B= 80.00 - 89.99
- C= 70.00 - 79.99
- D= 60.00 - 69.99

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 (i.e. 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 Term</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>
<td>Fall 2020</td>
<td>Spring 2020</td>
<td>Summer 2020</td>
<td>Spring 2021</td>
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<tr>
<td>Fall 2020</td>
<td>Summer 2020</td>
<td>Fall 2020 or Spring 2021</td>
<td>Fall 2021</td>
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</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

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 and Exams:
     ▪ The Learning Management System (Canvas) will auto-submit an assignment or exam at the due date and time. For example, if an exam is due before 10:00 p.m. and the student begins the assignment at 9:50 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 10:00 p.m., the exam 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. Students who test using an online video-monitored proctoring service are expected to adhere to technology and exam security requirements outlined in the Video Proctored Exam Procedure. The following activities will result in point penalties:
   - Failure to properly perform environmental scan and/or identity verification
   - Prohibited behaviors during testing
   - Presence of prohibited items in the testing environment
   - Failure to adhere to post-exam procedures

The full Video Proctored Exam Procedure can be found in the Undergraduate Pre-licensure Nursing Program Testing Policy: https://www.uta.edu/conhi/_doc/unurs/UNURS-PRELIC-TestingPolicy.pdf
Late Assignment Submission: No late assignments are accepted in this course unless the student has an excused absence that follows the exam policy and has been approved by the instructor. Contact your course instructor for assistance.

Grade Grievances:
Any appeal of a grade in this course must follow the procedures as published in the College of Nursing and Health Innovation Undergraduate Student Handbook (https://www.uta.edu/conhi/students/policy/index.php).
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.

More information about the university’s grade grievance policies can be found in the Undergraduate Grading Policies section of the catalog (https://catalog.uta.edu/academicregulations/grades/#undergraduatetext). Information regarding grievances for matters other than grades is available in the Student Rights section of the catalog (https://catalog.uta.edu/academicregulations/security/).
# Course Schedule

## NURS 3366 600 and 601 Pathophysiologic Processes: Implications For Nursing

### Course Schedule Spring 2020

<table>
<thead>
<tr>
<th>Module / Week</th>
<th>Sunday Date</th>
<th>Content, required weekly preparation/study, and what’s due to submit</th>
<th>All assignment / exam deadlines are in Central Time Zone</th>
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<tbody>
<tr>
<td><strong>General flow each module / week:</strong></td>
<td><strong>1. REQUIRED:</strong></td>
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<td>• Read Course Announcements &amp; UTA emails each day.</td>
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<td>• Read RRD (<em>Required Reading Document</em> each week.</td>
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<td>• Submit weekly assignment submitted by due date &amp; time.</td>
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<td>(Late or not submitted = zero points.</td>
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<td>• During test weeks, take test by due date &amp; time.</td>
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<tr>
<td><strong>1</strong> Jan 19th</td>
<td>Online Office Hours: Course Orientation Sunday 1/19 at 7pm</td>
<td>Read the following <strong>REQUIRED</strong> posted documents / links:</td>
<td><strong>3. ALERT:</strong></td>
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<td>• <strong>Due Immediately:</strong></td>
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<td>• Review the Course Announcements and check your email for information from your Instructor.</td>
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<td>• Review the following course modules:</td>
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<td>• Download the Respondus Lockdown Browser and Complete the Respondus Practice Quiz.</td>
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<td>• Submit your Attestation Form to the submission link in the course.</td>
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<td>• Once you have completed these tasks (above), the first six course modules will become visible to you.</td>
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<td>• As soon as possible: Review the contents of Module One.</td>
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<td>• Read the “Required Reading Document” (RRD #1): Basic Concepts of Pathophysiology &amp; Implications for Nursing, Genetic Influence in Disease, Intracellular Function and Disorders.</td>
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<td>• Do any other optional course documents / activities (as described above) to help you learn the material.</td>
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<td>• Complete the patho Module One assignment.</td>
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<td>• <strong>Due Saturday 1/25 at 8am: Submit Patho Module One Assignment.</strong></td>
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<td>Begin working on Module Two content and activities.</td>
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<td><strong>Important Note:</strong></td>
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<tr>
<td>Modul e / Week</td>
<td>Sunday Date</td>
<td>Content, required weekly preparation/study, and what’s due to submit</td>
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</table>
| 3             | Feb 2nd     | Review the contents of Module Three.  
**Read RRD #3: Mechanisms of Defense: Inflammation & Immune Function & Disorders and related course documents as needed.**  
- Submit Patho Module Three Assignment by 8am Tuesday 2/4.  
Begin working on Module Four content and activities. |
| 4             | Feb 9th     | Review the contents of Module Four.  
**Read RRD #4: Infection and related course documents as needed.**  
- Begin working on Patho Module Four and Five Assignment.  
Begin working on Module Five content and activities. |
| 5             | Feb 16th    | Review the contents of Module Five.  
**Read RRD #5: Hematologic System Disorders & related course documents as needed.**  
- Submit Patho Module Four and Five Assignment by 8am Tuesday 2/18  
- Attend Online Office Hours: Q & A for Test #2: Tuesday, 2/18 at 1pm  
- Complete Exam #2 which opens at 2:00pm and closes at 10pm on Thursday 2/20. It covers content from readings and assignments 3, 4, & 5.  
Begin working on Module Six content and activities. |
| 6             | Feb 23rd    | Review the contents of Module Six.  
**Read RRD #6: Alterations in the Circulatory System: Peripheral Vascular Disorders and related course documents as needed.**  
- Begin working on Patho Module Six and Seven Assignment.  
Begin working on Module Seven content and activities. |
| 7             | March 1st   | Review the contents of Module Seven.  
**Read RRD #7: Alterations in the Circulatory System: Cardiovascular Disorders and related course documents as needed.**  
- Submit Patho Module Six and Seven Assignment by 8am Tuesday 3/3  
Begin working on Module Eight content and activities. |
| 8             | March 8th   | Review the contents of Module Eight.  
**Read RRD #8: Alterations in the Pulmonary System and related course documents as needed.**  
- Submit Patho Module Eight Assignment by 8am Tuesday 3/10  
Begin working on Module Nine content and activities. |
| 9             | March 15th  | Review the contents of Module Nine.  
**Read RRD #9: Disorders of the Genitourinary and Renal Systems and related course documents as needed.**  
- Submit Patho Module Nine Assignment by 8am Tuesday 3/17  
- Attend Online Office Hours: Q & A for Test #3: Tuesday, 3/17 at 1pm  
- Complete Exam #3 which opens at 2:00pm and closes at 10pm on Thursday 3/19. It covers content from readings and assignments 6, 7, 8, & 9  
Begin working on Module Ten content and activities. |

*All assignment / exam deadlines are in Central Time Zone*
<table>
<thead>
<tr>
<th>Module / Week</th>
<th>Sunday Date</th>
<th>Content, required weekly preparation/study, and what’s due to submit</th>
</tr>
</thead>
</table>
| 10 March 22nd | Review the contents of Module Ten. **Read RRD #10**: Disorders of the Neurologic System and related course documents as needed.  
- Submit [Patho Module Ten Assignment](#) by 8am Tuesday 3/24  
- Create your own final exam study plan and start it this week…  
Begin working on Module Eleven content and activities. |
| 11 March 29th | Review the contents of Module Eleven. **Read RRD #11**: Disorders of the Endocrine System and related course documents as needed.  
- Submit [Patho Module Eleven Assignment](#) by 8am Tuesday 3/31  
- Continue reviewing for final exam…  
Begin working on Module Twelve content and activities. |
| 12 April 5th  | Review the contents of Module Twelve. **Read RRD #12**: Disorders of the Gastrointestinal System and related course documents as needed.  
- Submit [Patho Module Twelve Assignment](#) by 8am Tuesday 4/7  
- Attend Online Office Hours: Q & A for Test #4: Tuesday, 4/7 at 1pm.  
- Complete Exam #4 which opens at 2:00pm and closes at 10pm on Thursday 4/9. It covers content from readings and assignments 10, 11, & 12. |
| 13 April 12th | Review the contents of Module Thirteen.  
- Attend Online Office Hours: Q & A for Test #5: Tuesday, 4/14 at 1pm  
- Complete Exam #5 which opens at 2:00pm and closes at 10pm on Thursday 4/16. It covers content from readings and assignments 1 - 12. |

As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. ~ R. Urban, PhD, RN-BC, CCRN, CNE

**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](http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) page which includes the following policies among others:

- Drop Policy
- Disability Accommodations
- Title IX Policy
- Academic Integrity
- Student Feedback Survey
- Final Exam Schedule
Additional Information

Attendance:
At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator of student success. 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 attendance is monitored by faculty who may reach out to you via email to inquire about inactivity in the course. Please be respectful of their time and concern and respond professionally to their e-mail.

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 must 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.

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

Librarian Contact Information:
UTA Library: http://www.uta.edu/library/help/subject-librarians.php
Nursing Librarians: nursinglibrarians@uta.edu
Gretchen Trkay gtrakya@uta.edu
Peace Ossom Williamson peace@uta.edu
RaeAnna Jeffers raeanna.jeffers@uta.edu

CONHI Student Handbook: The Undergraduate BSN Student Handbook can be found by going to the following link: https://www.uta.edu/conhi/students/policy/index.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.