# NURS 5362 Advanced Pharmacotherapeutics

<table>
<thead>
<tr>
<th>Placement in Curriculum:</th>
<th>Graduate</th>
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<tbody>
<tr>
<td>Pre-requisites:</td>
<td>Graduate Standing in School of Nursing</td>
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<tr>
<td>Credits:</td>
<td>3 credit (3-0-0)</td>
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<td>Course Description:</td>
<td>Analysis of pharmacologic fundamentals relating to selection, screening and use of prescriptive and non-prescriptive drugs throughout the life cycle.</td>
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| Faculty:                | Trinette Radasa, MSN, APRN, ACNS-BC, FNP-BC CNP (New Mexico)  
  **Course Coordinator**  
  CHSSON Building, Office 309  
  Office Phone: 915-747-7228  
  Cell Phone: 575-639-0139 (Emergency only)  
  E-mail: tlradasa@utep.edu  
  Mercedes Martinez, MSN, APRN, CPNP-PC  
  CHSSON Building, Office 320  
  Office Phone 915-747-8229  
  E-mail: mhidalgomartinez@utep.edu |
| Office Hours:           | Office: Monday’s & Wednesdays 1100-1300 MST  
  Online: Tues & Thursday 6:00 pm-8:00 pm  
  Office: Mondays 0900-1200 and by appointment online or in person |
| Meeting Time            | This is a 7-week course offered 100% online, asynchronous format. Bb Collaborate audiovisual session or alternative methods may be used. Students in this course are in the various nurse practitioner tracks. |
| Course Objectives:      | Upon course completion the learner is expected to be able to:  
  - Define the pharmacokinetic processes of absorption, distribution, metabolism, and excretion, and factors that alter pharmacokinetics  
  - Identify and explain the mechanisms of drug interactions between drugs, foods, or diseases  
  - Describe issues related to the bioavailability and bioequivalence of different drugs  
  - Analyze the pharmacological and pharmacokinetic properties of commonly used drugs  
  - Compare and contrast selected drugs in terms of indications, rationale, administration, onset, duration of action, side effects, adverse effects, mechanism of action, and patient compliance  
  - Synthesize knowledge of pharmacological principles/therapeutic indications in the management of specific individual health care problems based on client characteristics, e.g., age, culture, gender, and other illnesses  
  - Identify appropriate monitoring for specific drugs |
- Describe essential client education regarding expected effects, potential adverse effects, proper administration, and costs of medications
- Describe factors that motivate clients in seeking medications and adhering to prescribed regimens
- Describe how to involve the client in the decision-making process concerning therapeutic intervention, including self-treatment
- Evaluate the legal issues of prescriptive privileges for advanced practice nurses
- Identify proper techniques of prescription writing and transmission to minimize risk of errors
- Describe ethical and legal standards and ramifications of pharmacotherapeutics

**Required Textbooks:**

**Teaching Strategies:**
This is an on-line course facilitated by UTEP nursing faculty who will provide resources and guidance to achieve course objectives. Learning activities may include the following: Weekly quizzes, discussion board and case studies.

**Grading Criteria:**
Grading scale:
- A = 900 - 1000
- B = 800 – 899
- C = 700 – 799
- D = 600 - 699
- F = < 600

**Methods of Evaluation:**
Evaluation methods may include exams, scholarly papers, group work/projects, and electronic or on-line searches.

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<tr>
<th>Course Evaluation Methods:</th>
<th>Activity</th>
<th>Total Possible Points</th>
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<tbody>
<tr>
<td></td>
<td>13 Quizzes (Various points each)</td>
<td>700</td>
</tr>
<tr>
<td></td>
<td>3 Case Studies @100 points each</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>Total Possible Points</td>
<td>1000</td>
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**Expectations and Responsibilities of Learner:**
All course work is expected and due at the time designated. Late course work will be subjected to a 10% penalty of the total assignment grade. The student must communicate in person with Ms. Radasa or Ms. Martinez prior to absence or missing deadlines to receive any consideration.

**Communication:**
All communication related to course must be sent through the course shell email. This allows for archiving of all information pertaining to the course.

**Academic Honesty:**
Students are accountable for all work, which is submitted or presented for evaluation. While collaboration with others is encouraged, collaboration during any testing situation will be considered cheating as is submitting work, which you did not directly have a hand in developing. Use of information from publications/media productions without proper acknowledgement and citation is considered plagiarism. Penalties for plagiarism and/or cheating will be imposed according to the regulation of The University of Texas at El Paso. See the graduate student handbook and catalog for specific details.

**Americans w/ Disabilities Act:**
Students who require accommodations for class assignments due to disabilities should initiate and maintain the process as designated by university policy. Accommodations
will not be made until these procedures have been followed. Please contact the Disabled Student Services Office (915-747-5148 or dss@utep.edu) for additional information.

| Technical Assistance: | The University of Texas at El Paso offers complete technical information and help desk support at: [http://issweb.utep.edu/techsupport/](http://issweb.utep.edu/techsupport/) |