

**The University of Texas at Arlington College of Nursing
Graduate Program
N5313 - Clinical Procedures for Advanced Practice Nurses (APNs)
(3 credit hours, 2-3)
Tuesdays 9am – 4pm and as scheduled
Pickard Hall, Room 227**

INSTRUCTORS:

**Vicki Patrick, MS, APRN, BC, ACNP, CEN, FAEN
Clinical Instructor/Lead Teacher
Office: #630 - Pickard Hall
Office Hours: By appointment
Office Phone: (817) 272-2776
Office Fax: (817) 272-5006
Campus Mailbox: 19407
E-mail: vpatrik@uta.edu
Web Site:
<http://www.uta.edu/nursing/faculty/vpatrik.php>**

**Sara Duvall, MSN, FNP, ENP
Clinical Instructor
Office # 624-A
Office Hours: By Appointment
Office Phone: (817) 272-2776
Office Fax: (817) 272-5006
Email: duvall@uta.edu**

**COURSE WEB SITE OR
WORLD WIDE WEB SITE:**

<http://www.uta.edu/nursing>

COURSE PREREQUISITES:

NURS 5334 Advanced Pharmacology

**REQUIRED
TEXTBOOKS/EQUIPMENT:**

1. Pfenninger, John L. and Fowler, Grant C.
Procedures for Primary Care Physicians. 3rd ed.
St. Louis: Mosby, 2011. **ISBN: 9780323052672**
(Note: this book is also on reserve in the library)
2. Herring, W. *Learning Radiology: Recognizing the Basics* Philadelphia: Mosby, 2007. **ISBN: 9780323043175**
3. Huszar, Robert J. *Basic Dysrhythmias Interpretation & Management*. 3rd ed. St. Louis: Mosby, 2002. **ISBN: 9997627288**

SUPPLEMENTAL TEXTBOOKS:

1. Colyar, M. R. and Ehrhardt, C. *Ambulatory Care Procedures for the Nurse Practitioner*. 2nd ed. Philadelphia: FA. Davis, 2004. **ISBN: 0803603649**

COURSE DESCRIPTION:

A theory and clinical procedures course designed for the APN to acquire skills and procedures in the clinical-management of selected clients.

STUDENT LEARNING OUTCOMES:

1. Demonstrate selected advanced practice procedures in a simulated and actual patient environment.
2. Demonstrate knowledge of federal guidelines regulating procedures in clinical settings.
3. Perform select diagnostic and therapeutic procedures based on patient assessment criteria.
4. Interpret diagnostic test data.

ATTENDANCE AND DROP POLICY:

- Regular class attendance and participation is expected of all students.
- This is a clinical course focused on skill acquisition. Absence from a class limits the students' ability to learn and practice these skills. Any absences will result in a decrease in course grade based on requirements missed. There are no make-up labs since experts are only available once a semester.
- Students are responsible for all missed course information.

Graduate students who wish to change a schedule by either dropping or adding a course must first consult with their Graduate Advisor. Regulations pertaining to adding or dropping courses are described below. Adds and drops may be made through late registration either on the Web at MyMav or in person through the student's academic department. Drops may occur until a point in time two-thirds of the way through the semester, session, or term. The last day to drop a course is listed in the Academic Calendar available at <http://www.uta.edu/uta/acadcal>.

1. A student may not add a course after the end of late registration.
2. A student dropping a graduate course after the Census Date but on or before the end of the 10th week of class may with the agreement of the instructor, receive a grade of W but only if passing the course with a C or better average. A grade of W will not be given if the student does not have at least a C average. In such instances, the student will receive a grade of F if he or she withdraws from the class. Students dropping a course must: (1)

complete a Course Drop Form (available online http://www.uta.edu/nursing/MSN/drop_resign_request.pdf or Graduate Nursing office rooms 605 or 606); (2) obtain faculty signature and current course grade; and (3) submit the form to Graduate Nursing office rooms 605 or 606.

3. A student desiring to drop all courses in which he or she is enrolled is reminded that such action constitutes withdrawal (resignation) from the University. The student must indicate intention to withdraw and drop all courses by filing a resignation form in the Office of the Registrar or by: (1) Completing a resignation form (available online http://www.uta.edu/nursing/MSN/drop_resign_request.pdf or Graduate Nursing office rooms 605 or 606; (2) obtaining faculty signature for each course enrolled and current course grade; (3) Filing the resignation form in the College of Nursing office room 606 or 606; and (4) Filing the resignation form in the Office of the Registrar in Davis Hall room 333.
4. In most cases, a student may not drop a graduate course or withdraw (resign) from the University after the 10th week of class. Under extreme circumstances, the Dean of Graduate Studies may consider a petition to withdraw (resign) from the University after the 10th week of class, but in no case may a graduate student selectively drop a course after the 10th week and remain enrolled in any other course. Students should use the special Petition to Withdraw for this purpose. See the section titled Withdrawal (Resignation) From the University for additional information concerning withdrawal.

Last Day to Drop: July 21, 2011

**TENTATIVE LECTURE/TOPIC
SCHEDULE (COURSE
CONTENT):**

1. Diagnostic / clinical radiology
2. Diagnostic Imaging Testing
3. Advanced 12-lead EKG
4. Orthopedic procedures / splinting
5. Principles of suturing with local anesthesia / wound care
6. Laboratory medicine / microscopy
7. Respiratory diagnostics/pulmonary function testing

8. Coding
 9. Pulmonary Function testing
- See Class Schedule for class topics presented this semester

**SPECIFIC COURSE
REQUIREMENTS:**

1. Required laboratory attendance/participation (skills lab)
2. Exams (2)
3. Evidence Based Paper
4. Radiology on line practice assignment

**TEACHING
METHODS/STRATEGIES:**

1. Lecture and group discussion
2. Case studies
3. Skills lab (hands on)
4. On line assignment

**COURSE EVALUATION &
FINAL GRADING:**

- | | |
|--|-------------|
| 1. Exam #1 | 25% |
| 2. Exam #2 | 25% |
| 3. Evidence Based Paper | 30% |
| 4. Class Attendance & Check-offs | 20% |
| 5. Radiology on line practice assignment (Pass/Fail) | |
| Total | 100% |

Course Grading Scale

A = 92 to 100
 B = 83 to 91
 C = 74 to 82
 D = 68 to 73
 F= below 74

Final grade will be rounded up if .5 or above (e.g. 91.5 = A; 91.49=B)

STATUS OF RN LICENSURE:

All graduate nursing students must have an unencumbered license as designated by the Board of Nursing (BON) to participate in graduate clinical nursing courses. It is also imperative that any student whose license becomes encumbered by the BON must immediately notify the Associate Dean for the MSN Program, Dr. Mary Schira. Failure to do so will result in dismissal from the Graduate Program. The complete policy about encumbered licenses is available online at: www.bon.state.tx.us

**MSN GRADUATE STUDENT
DRESS CODE:**

Policy: **The University of Texas at Arlington College of Nursing expects students to reflect professionalism and maintain high standards of appearance and grooming in the clinical setting.** Clinical faculty has final judgment on the appropriateness of student attire and corrective action for

dress code infractions.

Students not complying with this policy will not be allowed to participate in clinical.

Please View the College of Nursing Student Dress Code on the nursing website: www.uta.edu/nursing.

UNSAFE CLINICAL BEHAVIORS:

Students deemed unsafe or incompetent will fail the course and receive a course grade of “F”. **Any of the following behaviors constitute a clinical failure:**

1. Fails to follow standards of professional practice as detailed by the Texas Nursing Practice Act * (available at www.bon.state.tx.us)
2. Unable to accept and/or act on constructive feedback.
3. Needs continuous, specific, and detailed supervision for the expected course performance.
4. Unable to implement advanced clinical behaviors required by the course.
5. Fails to complete required clinical assignments.
6. Falsifies clinical hours.
7. Violates student confidentiality agreement.

*Students should also be aware that violation of the Nursing Practice Act is a “reportable offense” to the Texas Board of Nursing.

BLOOD AND BODY FLUIDS EXPOSURE:

A Health Verification form was signed by all MSN students at start of the program documenting personal health insurance coverage. All MSN students have mandatory health insurance and will need to manage exposure to blood and fluids. Current CDC guidelines can be found at: <http://www.cdc.gov/>

CONFIDENTIALITY AGREEMENT:

You signed a Confidentiality Form in orientation and were provided a copy of the form. Please take your copy of this Confidentiality Form with you to your clinical sites. **Please do not sign** other agency confidentiality forms. Contact your faculty if the agency requires you to sign their confidentiality form.

GRADUATE STUDENT HANDBOOK:

Students are responsible for knowing and complying with all policies and information contained in the Graduate Student handbook online at: <http://www.uta.edu/nursing/handbook/toc.php>

AMERICANS WITH DISABILITIES ACT:

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 - The Rehabilitation Act of 1973 as amended. With the passage of federal legislation entitled *Americans with Disabilities Act (ADA)*, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at www.uta.edu/disability. Also, you may visit the Office for Students with Disabilities in room 102 of University Hall or call them at (817) 272-3364.

STUDENT SUPPORT SERVICES:

The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. These programs include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

STUDENT CODE OF ETHICS:

The University of Texas at Arlington College of Nursing supports the Student Code of Ethics Policy. Students are responsible for knowing and complying with the Code. The Code can be found in the student Handbook online: <http://www.uta.edu/nursing/handbook/toc.php>

ACADEMIC INTEGRITY:

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with

University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2)

As a licensed registered nurse, graduate students are expected to demonstrate professional conduct as set forth in the Texas Board of Nursing rule §215.8. In the event that a graduate student holding an RN license is found to have engaged in academic dishonesty, the college may report the nurse to the Texas BON using rule §215.8 as a guide.

PLAGIARISM:

Copying another student's paper or any portion of it is plagiarism. Additionally, copying a portion of published material (e.g., books or journals) without adequately documenting the source is plagiarism. If five or more words in sequence are taken from a source, those words must be placed in quotes and the source referenced with author's name, date of publication, and page number of publication. If the author's ideas are rephrased, by transposing words or expressing same idea using different words, the idea must be attributed to the author by proper referencing, giving the author's name and date of publication. If a single author's ideas are discussed in more than one paragraph, the author must be referenced at the end of each paragraph.

Authors whose words or ideas have been used in the preparation of a paper must be listed in the references cited at the end of the paper. Students are encouraged to review the plagiarism module from the UT Arlington Central Library via

<http://library.uta.edu/tutorials/Plagiarism>

BOMB THREATS:

If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be

available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available.

E-CULTURE POLICY:

The University of Texas at Arlington has adopted the University email address as an official means of communication with students. Through the use of email, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning department requirements, registration, financial aid and scholarships, payment of bills, and graduation may be sent to students through email. All students are assigned an email account and information about activating and using it is available at www.uta.edu/email. Students are responsible for checking their email regularly.

NO GIFT POLICY:

In accordance with Regent Rules and Regulations and the UTA Standards of Conduct, the College of Nursing has a “no gift” policy. A donation to one of the UTA College of Nursing Scholarship Funds, found at the following link: http://www.uta.edu/nursing/scholarship_list.php would be an appropriate way to recognize a faculty member’s contribution to your learning. For information regarding Scholarship Funds, please contact the Dean’s office.

GRADUATE COURSE SUPPORT STAFF:

Roshanda Marks, Senior Office Assistant
Office: 610 – Pickard Hall
Phone: (817) 272-2776, Ext. 24856
E-mail: r.marks@uta.edu

Felicia Chamberlain, Administrative Assistant I
Office # 515 – Pickard Hall (817) 272-0659, ext 20659
Email: chamberl@uta.edu

LIBRARY INFORMATION:

Helen Hough, Nursing Librarian
Phone: (817) 272-7429
E-mail: hough@uta.edu
Research Information on Nursing:
<http://libguides.uta.edu/nursing>

**MISCELLANEOUS
INFORMATION:**

Inclement Weather (School Closing) Inquiries:

Metro (972) 601-2049

Fax Number - UTA College of Nursing: (817) 272-5006

Attn: Graduate Nursing Programs Office

UTA Police (Emergency Only): (817) 272-3003

Mailing Address for Packages:

Attn: Graduate Nursing Programs Office

UTA College of Nursing

c/o Vicki Patrick, MS, RN, ACNP-BC, CEN, FAEN

411 S. Nedderman Drive

Pickard Hall Box 19407

Arlington, Texas 76019-0407

N5313/N5314
Course Attendance Criteria

- The course grade is designated for attendance AND participation in laboratory exercises.
- Attendance will be taken for each morning and afternoon class/laboratory session. It is the student's responsibility to sign in on time for each class session. Excessive tardiness will result in the deduction of attendance points.
- Attendance at every class session is required; if a student cannot come to class, the student is expected to communicate with the Faculty concerning a reason for absence. Students are responsible for obtaining class notes from a colleague. Course Faculty will determine if the reason for absence is excused or unexcused. If unexcused, attendance points will be deducted from the course grade.
- Active participation in course labs is required. If Faculty determines a student is not participating, attendance points will be deducted from the course grade.
- Each course has laboratory sessions with supervised check-off requirements. If a student misses a laboratory check-off, the student cannot complete the course until a make-up laboratory is successfully completed. If a laboratory make-up cannot be scheduled during the enrollment semester, the student will receive a grade of an "Incomplete" for the course and will be required to complete laboratory objectives in a future semester in order to resolve the Incomplete status and receive a final course grade.
- Check-off labs:
 - Radiology
 - Suturing
 - Circulation procedures (5314)
 - Respiratory procedures (5314)
 - Splinting
 - Surgical Asepsis -OR Skills (5314)
 - Others, as assigned (5313/5314)

**University of Texas at Arlington
College of Nursing**

**N 5313 Clinical Procedures for APNs
Guidelines for Evidence Based Practice Paper**

- Purpose:** The purpose of the short paper (maximum 3 pages) is to discuss current evidence based practice in a specific aspect of care in the health care delivery environment.
- Content:** Select or write a skill based protocol/procedure for laceration wound preparation OR local anesthesia for lacerations. Attach the selected protocol/procedure as an appendix to your paper.
For the selected protocol/procedure summarize and evaluate at least 2 research studies that support the protocol/procedure.
- Criteria/Grading:** To evaluate the research studies, the paper should review each research and (at minimum) discuss the following:
- a. Purpose/problem statement of the study
 - b. Study design
 - c. Study sample including appropriateness of sample to population of student's interest
 - d. How data were collected including any apparent strengths/weaknesses related to data collection
 - e. Results of the study
 - f. Discussion of the results including specifically how the results are integrated into the procedure/protocol.
 - g. Organization of information, APA format.

Student: _____
Date: _____

Faculty: _____
Grade: _____

**N5313 Clinical Procedures for APNs
Evidence Based Practice Paper Grading Criteria**

_____ Attached protocol/procedure appropriate to paper requirements
(5 points)

Research Studies review of the research and (at minimum) discuss the following: (90 points):

#1 #2

_____ _____ **Purpose/problem statement of the study (15 points)**

_____ _____ **Study design (10 points)**

_____ _____ **Study sample including appropriateness of sample to population of student's interest. (10 points)**

_____ _____ **How data were collected including any apparent strengths/weaknesses related to data collection (20 points)**

_____ _____ **Results of the study (15 points)**

_____ _____ **Discussion of the results including specifically how the results are integrated into protocol/procedure. (20 points)**

Organization; APA

_____ **Organization of information, APA format. (5 points)**

**The University of Texas at Arlington
N5313 Clinical Procedures for APN's**

N5313/N5314 RADIOLOGY ONLINE ASSIGNMENT

1. Access the module. It is found at <http://www.med-ed.virginia.edu/courses/rad/>
2. Complete the Chest Radiology module before the Radiology Class (second class)
3. Select your major and complete these modules during the semester:

ACNP Majors and Adult/Geri majors:

Chest, Thoracic, Abdominal, MSK, Neuro

PNP, ACPNP, NNP (NNPs may omit testicular):

Chest Module, GI module, Testicular US, all of MSK and all of Pediatric

Family NP:

Chest, GI, GU, Testicular US, MSK, also complete the MSK section of the Pediatric module

4. To verify completion of the assignment, on the day of the **Final Exam** bring to the exam a hard copy of the post test as assigned by major:

ACNP/Adult/Geri:

Head CT Final Quiz

PNP,ACPNP/NNP:

Pedi MSK part II

Family:

Quiz following Colon Section of GI

****You only need to bring one (1) post test hard copy for verification****

Class Content Objectives

Basic Radiology

- Select appropriate procedures based on patient condition
- Demonstrate ability to read X-Ray's of common chest, abdomen and musculoskeletal problems.

Coding

- Apply appropriate coding for selected clinical procedures and patient encounters.
- Develop competencies utilizing the current coding system in clinical practice

Procedure Documentation

- Discuss guidelines for pre-procedure notes, consents and procedure notes.

Microscopy

- Describe CLIA regulations as applies to outpatient care practice.
- Identify various microorganisms.

Noninvasive and Invasive Imaging

- Apply understanding of how to choose the proper imaging test
- Demonstrate appropriate choices relative to particular testing needs in select patients

Suturing/Derm. Procedures

- Demonstrate skills in simple suturing and local anesthesia techniques.
- Apply knowledge to incise and drain infected abscesses.
- Perform simple shave, excisional or punch biopsies

Advanced EKG Analysis

- Analyze an EKG for common elements (myocardial ischemia, infarction, injury; hypertrophy, axis deviation, drug effects, etc.) to diagnose abnormalities.
- Apply the knowledge of the heart's conduction system by interpreting examples of abnormal EKG's

Pulmonary Function

- Identify the purpose of pulmonary function testing in various causes of respiratory distress.
- Demonstrate ability to evaluate the current status of respiratory function in a variety of patients.

Splinting

- Select types of splints for extremity injuries.
- Demonstrate the application of various splints to upper and lower extremities.

Wound Care

- Evaluate and treat common dermatological wounds.
- Demonstrate proper debridement technique.

N5313

Required Readings/Resources

Classes listed in alphabetical order by Topic-refer to Class Schedule

***= readings not in required text; copy available for check out in NP office (Room 610)**

rev: 5/11

Class Topic	Required Readings	Optional Resources
Advanced EKG	<p>Students are expected to have knowledge of basic EKG analysis and arrhythmias as a prerequisite for this class.</p> <p>For class, read: Huszar, Chapters 11, 12, 13, 14 (p. 290-295), 15, 16</p>	<p>Review Huszar, Chapters 1-10 as needed. Review Pfenninger and Fowler, Chapter 89 There are many other good books and websites for EKG review: Dubin D. (2007), <i>Rapid Interpretation of EKGs</i> www.theMDsite.com Aehlert, B. (2009) <i>ECGs Made Easy</i>. *Adams-Hamoda M, Caldwell, M, Stotts N, & Drew, B. (2003) Factors to consider when analyzing 12 Lead electrocardiograms for evidence of acute myocardial ischemia. <i>American Journal of Critical Care</i>, 12, 9-16.</p>
Basic Radiology	<p>Herring, Chapters 1-11, 15-18, 22</p> <p>*Billingsley, S . Evaluating chest xrays: use mnemonics to develop a systematic approach. <i>Advance for Nurse Practitioners</i>. Feb 2009, 24-25.</p> <p>Required radiology media (see syllabus for details): http://www.med-ed.virginia.edu/courses/rad (Univ. of Virginia)</p>	<p>Pfenninger and Fowler, Chapter 231 *Siela D. Using chest radiology in the intensive care unit. <i>Critical Care Nurse</i>. 22(4), 18-27. *Colyar, M. (2004) X-rays in emergency settings. <i>Advance for Nurse Practitioners</i>. 12(1), 22-25. Helpful web pages links –locate teaching files from these links/files (links change frequently; we do not guarantee all are currently available): http://eradiology.bidmc.harvard.edu/interactivetutorials/ http://www.hawaii.edu/medicine/pediatrics/pemxray/v4c05.html http://www.urmc.rochester.edu/smd/rad/ http://www.rad.washington.edu/ http://www.radiology.co.uk/xrayfile/xray/index.htm http://www.vh.org/Providers/Lectures/icmrad/Opening.htm http://www.mamc.amedd.army.mil/WILLIAMS/index1.htm</p>

		http://www.radiology.com/edures1a.htm MDChoice.com/x-ray/xr.asp and DChoice.com/pediatric/pediatric.asp (MDChoice.com) www.octet.com/~mikety/list.html (Cases of Dr. Michael Tobin) www.indyrad.iupui.edu (Indiana Univ.) www.omed.pitt.edu (Univ. of Pittsburgh) www.rad.washington.edu (Univ. of Washington Dept. of Radiology) www.sbu.ac.uk (South Bank Univ. B UK) http://sprojects.mmip.mcgill.ca/radiology (Radiologic Anatomy) http://gentili.net (Dr. A. Gentili, UCLA Dept. of Radiological Sciences)
Coding	*Buppert, C. (2007) Billing for nurse practitioner services-update 2007: guidelines for NPs, physicians, employers, and insurers. www.medscape.com/viewprogram/7767	
Microscopy	*Simerville, JA, Maxted, WC, Pahira, JJ (2005). Urinalysis: a comprehensive review. <i>American Family Physician</i>. 71(6), 1153-1162. Pfenninger & Fowler, Chapter 160	Colyer and Ehrhardt, Chapter 41
Non Invasive Radiology /Invasive Radiology	Herring, Chap. 14, 20 *Selman, J (2004) How to choose the proper imaging test. <i>The Clinical Advisor</i>, February, pp. 56-62	Herring, Chapter 25

Procedure Documentation	Pfenninger and Fowler, Appendix B, Appendix C, Appendix J	
Pulmonary Function Testing	Pfenninger and Fowler, Chapter 91 *Petty, T. (2008) Spirometry: a valuable but overlooked tool. <i>The Clinical Advisor</i>. April, 60-66. * Petty, T. and Enright, P. (2003). Simple Office Spirometry for Primary Care Practitioners. Available at: www.nlhep.org/resources.html (information is early in the Resources section) *National Heart, Lung and Blood Institute (2007, August 8) Guidelines for the diagnosis and management of asthma (EPR-3); Section 3, Component 1: Measures of asthma assessment and monitoring. 47-48. www.nhlbi.nih.gov/guidelines/asthma	
Splinting	Pfenninger and Fowler, Chapters 186, 187, 188	Colyer & Earhardt, Chapters 35,36,37
Suturing/Derm Procedures	Pfenninger & Fowler: Chapters 4, 5, 8, 10,20, 21, 22. 23, 24. 25, 29, 32, 34, 35, 37, 42, Appendix A, *Jolly, J (2008) Laceration repair with adhesives. <i>Advance for Nurse Practitioners</i>, March, 63-64.	Colyer & Ehrhardt: Chapters 1,2,4,10,13,15,16,18,22,23
Wound Management	Pfenninger & Fowler, Chapter 44, 45, 222	

Revised: 5/6/11

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