**The University of Texas at Arlington**

**College of Nursing**

**N5314-001: Invasive Procedures for Advanced Practice Nurses (APNs)**

**Summer, 2012**

**Instructor(s):** Vicki Patrick, MS, ARNP, ACNP-BC, CEN, FAEN

Lindy Moake, MSN, PCCNP

**Office Number(s) (Pickard Hall):** Vicki Patrick: 630; Lindy Moake: 626

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**Office Hours:** By Appointment Only

**Section Information: N5314-001**

**Time and Place of Class Meetings:** Tuesday, 9am-5pm Room # 227

**Description of Course Content:** A theory and clinical procedures course designed for the APN to acquire

invasive skills and procedures in the clinical management of selected patients.

**Student Learning Outcomes:** Upon completion of the course, the student will be able to:

1. Interpret invasive monitoring and/or diagnostic test data.
2. Document skill performance and patient responses.
3. Analyze patient selection criteria, pathophysiology, and indications/contraindications when performing invasive skills and therapies.
4. Perform selected diagnostic and therapeutic procedures based on patient assessment criteria.

5. Analyze research findings and health care organization practices related to invasive procedures

**Required Textbooks and Other Course Materials:**

**All Students:**

1. Pfenninger, John L. and Fowler, Grant C. P*rocedures for Primary Care*. 3rd ed.

St. Louis: Mosby, 2011. ISBN: 9780323052672

1. Herring, W. *Learning Radiology: Recognizing the Basics* 2nd ed. Philadelphia: Mosby, 2012. ISBN: 9780323074445
2. Wesley, Keith. *Huszar’s Basic Dysrhythmias* *Interpretation & Management*. 4th ed. St. Louis: Mosby, 2012. ISBN: 9780323039741

4. Fischer, M.J. *Mechanical Ventilation Made Easy,* U.S., 2007. **ISBN: 0982585608**

**Supplemental/Optional Textbooks:**

1. Adams, G & Bresnick, S. *On Call Procedures*. Philadelphia: Saunders, 2006. **ISBN: 978-1-4160-2444-6**  (all majors)
2. Irwin, R., Rippe, J., Lisbon, A. & Heard, S. (Eds). *Procedure, Techniques and Minimally Invasive Monitoring in Intensive Care Medicine*, 4th ed. Philadelphia: Lippincott, 2008. **ISBN: 9780781778626** (ACNP Majors)
3. Walsh, E., Philip, J., Saul, M., & Triedman, J. (Eds). C*ardiac Arrhythmias in Children and Young Adults with Congenital Heart Disease*. Philadelphia: Lippincott, 2001. ISBN: 9780397587445 (ACPNP majors)
4. Roberts, J., & Hedges, J. *Clinical Procedures in Emergency Medicine*, 5th ed. Philadelphia: WB Saunders, 2010. ISBN: 9781416036234 *(all majors)*
5. Verger, J. Lebet, R. *AACN Procedure Manual for Pediatric Acute and Critical Care.* St. Louis:Saunders, 2008. ISBN: 9780721606408 (ACPNP majors)

**Requirements:** Required class and laboratory attendance/participation, Exams (2), Evidence Based Paper, Radiology on line practice assignment

**Methods/Strategies:** Lecture and group discussion, Case studies, Skills lab (hands on), On line assignment.

**Descriptions of major assignments and examinations with due dates:**

Evidence Based Paper: a short paper to discuss current evidence based practice in a specific aspect of care. Due: July 3

Radiology On Line Assignment: review assigned on line radiology modules and complete online post test. Due: Aug 14

Exam 1: July 10

Exam 2: Aug 14

**Grading Policy**:

**Exam #1- 25%**

**Exam #2- 25%**

**Evidence Based Paper- 30%**

**Class Attendance/Participation-20%**

**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)

**Attendance Policy:** Regular class attendance and participation is expected of all students. Students are responsible for all missed course information.

**Drop Policy:** Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Financial Aid Office for more 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 can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Financial Aid Office for more information. The last day to drop a course is listed in the Academic Calendar available at [http://www.uta.edu/uta/acadcal.](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 512 or 606); (2) obtain faculty signature and current course grade; and (3) submit the form to Graduate Nursing office rooms 512 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 completing 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 512 or 606; (2) obtaining faculty signature for each course enrolled and current course grade; (3) Submitting the resignation form in the College of Nursing office room 512 or 606; and (4) The department office will send resignation form to the office of the Registrar.
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. <http://www.grad.uta.edu/handbook>

**Last Day to Drop or Withdraw: July 19, 2012**

**Americans with Disabilities Act:**  The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability) or by calling the Office for Students with Disabilities at (817) 272-3364.

**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. According to the UT System Regents’ Rule 50101, §2.2, "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."

**Plagiarism:** Copying another student’s paper or any portion of it is plagiarism. Copying a portion of

published material (e.g., books or journals) without adequately documenting the source is plagiarism.

Consistent with APA format, 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 the 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, according to APA format. 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 expected to review the plagiarism module from the UT Arlington Central Library via <http://library.uta.edu/tutorials/Plagiarism>

**Student Support Services Available**: The University of Texas at 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. These resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals to resources for any reason, students may contact the Maverick Resource Hotline at 817-272-6107 or visit [www.uta.edu/resources](http://www.uta.edu/resources) for more information.

**Electronic Communication Policy:** The University of Texas at Arlington has adopted the University “MavMail” address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system. All students are assigned a MavMail account. ***Students are responsible for checking their MavMail regularly.*** Information about activating and using MavMail is available at <http://www.uta.edu/oit/email/>. There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

To obtain your NetID or for logon assistance, visit <https://webapps.uta.edu/oit/selfservice/>. If you are unable to resolve your issue from the Self-Service website, contact the Helpdesk at helpdesk@uta.edu.

**Librarian to Contact:**

**Helen Hough**, *Nursing Librarian*

Phone: (817) 272-7429

E-mail: [hough@uta.edu](mailto:hough@uta.edu)

[**http://libguides.uta.edu/nursing**](http://libguides.uta.edu/nursing)

**College of Nursing additional information:**

**Status of RN Licensure:** All graduate nursing students must have an unencumbered license as designated by the Texas 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 their Associate Dean for the MSN Program, Department of Advanced Practice, Dr. Schira. The complete policy about encumbered licenses is available online at: [www.bon.state.tx.us](http://www.bon.state.tx.us)

**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>

**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.

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**N5313 and N5314 Course Class Schedule- Summer 2012 \*\*\*\*Final Schedule will be posted on Blackboard \*\***

Revised: 5/16/12

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| Date | Room | Topic | Content | FNP | ANP | GNP | PNP | ACNP | ACPNP  (post- Masters cert.) | PNP & ACPNP  dual majors | NNP |
| **June 5 9:00** | 223 | Course Introductions |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| 9:30-10:30 |  | Procedure Documentation | Basic principles of procedure documentation | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| 10:30-12:00;  1:00-2:30 |  | Coding  Fundamentals | Documentation coding requirements | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| 2:30-3:30 |  | Coding-Specialty and Hospital -based | Inpatient and specialty coding |  |  |  |  | **X** | **X** | **X** | **X** |
| **June 12**  9:00-4:00 | 223 | Radiology | Chest, abdominal, bone x-rays | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| **June 19**  9-4 | 223 | Suturing/Derm. procedures | Suture techniques, local anesthesia, biopsy | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| **June 26**  9-12 | LRC | Respiratory Procedures | Oral airways, LMA, Tracheal intubation |  |  |  |  | **X** | **X** | **X** | **X** |
| 1-4 | 223 | Oxygen Therapy; Ventilators | Ventilator modes/settings; vent management; ABG |  |  |  |  | **X** | **X** | **X** | **X** |
| **July 3**  9-12 | 223 | Advanced EKG | Anatomy for 12 Lead ekg, axis, hypertrophy, BBB | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| 1-3 | 223 | Adult EKG | Injury/infarct; drug effects | **X** | **X** | **X** |  | **X** |  |  |  |
| 1-4  \*\*Evidence Based Paper Due Today\*\* | 220 | EKG- pediatric | general/ advanced EKG for pedi |  |  |  | **X** |  | **X** | **X** | **X** |
| **Date** |  | **Topic** | **Content** | **FNP** | **ANP** | **GNP** | **PNP** | **ACNP** | **ACPNP**  **(post- Masters cert.)** | **PNP & ACPNP**  **dual majors** | **NNP** |
| **July 10**  9-11 | **LRC and 216** | **Exam I** |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| 11:00-12:00 | TBA | \*Surgical Asepsis – *Group 1* | Closed gowning/ gloving; sterile procedures |  |  |  |  | **X** | **X** | **X** | **X** |
|  |  | Microscopy  \*DE Class on ClassRev/Echo\* | Spun urine; vaginal smears; other microscopy skills; CLIA | **X** | **X** | **X** | **X** | **X** |  | **X** | **X** |
|  |  | Wound Care  \*DE Class on ClassRev/Echo | Wound therapy principles, devices, techniques, products | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
|  |  | Non invasive & Invasive Radiology  \*DE Class on ClassRev/Echo | CT, MRI ultrasound, Doppler, embolization, angio, indications, contraindications | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| **July 17**  **(No class**  **9-11)**  11:00-12:00 | TBA | Surgical Asepsis-  *Group 2* |  |  |  |  |  | **X** | **X** | **X** | **X** |
| 12:00-12:45 | 216 | Exam I Review |  |  |  |  |  |  |  |  |  |
| 1:00-4:00 | 227 | Pulmonary Function Testing | Peak flow meters; PFT procedure; equipment; PFT analysis; hand held inhalers | **X** | **X** | **X** | **X** | **X** | **X** | **X** |  |
| **Date** |  | **Topic** | **Content** | **FNP** | **ANP** | **GNP** | **PNP** | **ACNP** | **ACPNP**  **(post- Masters cert.)** | **PNP & ACPNP**  **dual majors** | **Neo** |
| July 19 |  | **Last day to drop/ withdraw** |  |  |  |  |  |  |  |  |  |
| **July 24**  9-12 | 227 | Splinting-*Group A* | Splinting extremities, ace wrap | **X** | **X** | **X** | **X** | **X** | **X** | **X** |  |
| 9-12 | 220 | Pedi/Neonatal skills lab-*Group A* | TPN Calculations; PICC Lines, Pedi hemodynamics |  |  |  |  |  | **X** | **X** | **X** |
| 1:00-4:00 | 227 | Splinting-*Group B* | Same as above | **X** | **X** | **X** | **X** | **X** | **X** | **X** |  |
| 1:00-4:00 | 220 | Pedi/Neonatal skills lab-*Group B* | Same as above |  |  |  |  |  | **X** | **X** |  |
| **July 31**  8-9\ | TBA | \*Surgical Asepsis-*Group 3* | Sterile technique; gowning and gloving |  |  |  |  | **X** | **X** | **X** | **X** |
| 9-12 | LRC | \*\*Circulation Procedures; Lumbar Puncture –Lab A | Insertion of lines: int. jugular, arterial, femoral, umbilical, ext.jug, interosseous; chest tubes, lumbar puncture, needle thoracostomy |  |  |  |  | **X** | **X** | **X** | **X** |
| 1:00-4:00 | LRC | \*\*Circulation Procedures; Lumbar Puncture- Lab B | Same as above |  |  |  |  | **X** | **X** | **X** | **X** |
| **Aug 7**  9-12 | 227 | Pedi Radiology | General radiology for pediatrics | **X** |  |  | **X** |  | **X** | **X** | **X** |
| 1-4 | 227 | Adult Hemodynamic Monitoring | CVP, SLR, CI, PA pressures |  |  |  |  | **X** |  |  |  |
| 1-4 | 220 | Pedi Hemodynamic Monitoring | CVP, SLR, CI, PA pressures |  |  |  |  |  | **X** | **X** | **X** |
| **Aug 14**  **9:00-11:00** | LRC and 216 | FINAL EXAM  \*bring Radiology verification quiz to exam\* |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

\*Surgical Asepsis Labs: 5314 students will be assigned to either Lab 1, 2, or 3.

\*\* Circulation Procedures Labs: 5314 students will be assigned to either Lab A or Lab B