**NURS 5327 Exploration of Science and Theories for Nursing**

**The University of Texas at Arlington**

**College of Nursing and Health Innovation**

**Spring 2016**

**Instructor(s):** Susan M. Baxley, PhD, RN

**Office Number:** Pickard Hall, 516

**Office Telephone Number:** 817-272-2776. Use email to communicate with me.

**Email Address:** sbaxley@uta.edu

**Faculty Profile:** <https://www.uta.edu/mentis/profile/?3596>

**Office Hours:** Office hours are online, phone, or in office but are by appointment only. Email for appointment.

**Section Information:** NURS 5327-003

**Time and Place of Class Meetings:** There are 4 classes in this section. We will meet in Pickard Hall, room 206 on 1/26/16, 2/23/16, 3/29/16, and 4/26/16 from 9:00 am-2:50 pm CST. The other times are online on Blackboard.

**Description of Course Content:**

A critical examination of the philosophical and theoretical bases for nursing science.

**Student Learning Outcomes:**

1. Describe the history and philosophy of nursing science.
2. Analyze concepts and their relationships for theory development.
3. Evaluate theoretical frameworks for nursing research.
4. Apply theories of population diversity and cultural competence to nursing education, administration, and advanced practice.
5. Apply system and change theories to health care delivery, administration, and education.
6. Evaluate usefulness of other theories from nursing and related disciplines to nursing practice, education, and administration.

**Topic List**

Philosophy, science, and nursing

Knowledge development in nursing

Evaluation of concepts and their relationships within theories

Nursing metaparadigm

Grand nursing theories

Middle-range nursing theories (Benner, Leininger’s Cultural Care, Pender Health Promotion Model, and others)

Situation-specific, practice, and micro theories

Evaluation of theories

Borrowed theories from *related sciences (may be additional as appropriate)*

* Sociological theories (*general systems theory, complexity science,* feminist and critical social theory, cultural diversity, chaos theory)
* Behavioral Science theories (developmental [Erikson], interpersonal [Sullivan], stress [Selye and Lazarus], Health Belief Model, Theory of Reasoned Action/Planned Behavior
* Biomedical theories (*genetics/genomics*, disease causation, germ theory, web of causation, homeostasis, General Adaptation Syndrome, theories of immune function)
* Learning theories
* Leadership/Management (*organizational theory/sciences*)

Application of theories to nursing practice, research, management, and education

**Required Textbooks and Other Course Materials:**

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, D.C.: **ISBN-10:4338-0561-8**

McEwen, M., & Wills, E.M. (2014). *Theoretical basis for nursing (4th ed.)* Philadelphia: Lippincott Williams & Wilkins.ISBN:13:9781451190311

**Recommended:**

Walker, L., & Avant, K. (2005). *Strategies for theory construction in nursing (5th ed.)*. Upper Saddle River, NJ: Pearson/Prentice Hall. ISBN: 13: 978-0132156882

Alligood, M.R. (2006). *Nursing theorists and their work* (8*th ed.)* St. Louis: Mosby. ISBN-13: 978-0323091947

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

**Course schedule/major assignments:**

*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. –Susan M. Baxley, PhD, RN*

|  |  |  |
| --- | --- | --- |
| **Major Assignments** | **Percentage** | **Proposed Date** |
| Honor Code, signed | 0% | 1/22/16 11:59 pm CST |
| Participation/brief assignments/discussion assignments one discussion is a test on APA taken in Class on 1/26/16. Bring your APA manual to use. You will have 1 hour to complete the test. In class discussion is also part of your grade on the weeks there are in the seat meetings. Discussion assignments are weekly and are posted weekly unless otherwise stated. Your grade depends on your initial post and 2 responses to your peers. See grading criteria.  | 15% | Ongoing/onlineAPA test is 1/26/16 (you may use your manual) |
| Exam is to be taken Class with no notes or books. You will have 1 ½ hours to take the exam. | 15% | 2/23/16  |
| Paper 1-Developing a Theoretical Definition of a Concept of Interest | 25% | 3/29/16 11:59 pm CST |
| Power Point Presentation of Middle Range or Borrowed Theory | 20% | 4/26/16 11:59 pm CST |
| Paper 2-Theoretical framework | 25% | 5/3/16 11:59 pm CST |
|  **TOTAL** | **100%** |  |

**Discussion:** Discussion among classmates is a major component of this course. Throughout this course, you will be asked to respond to prompts from the instructor. Your responses should consist of complete sentences and meet the requirements listed in each of the discussion assignment instructions. Additionally, you are required to post as directed thoughtful and scholarly responses to other student postings each week. To critique your peers work, you should use the guidelines of the assignment, be truthful and helpful but not hateful. You will want others to do the same for you. See grading criteria and schedule in Blackboard for dates discussions are due. Any other discussions are always welcome and questions of interest to the class should be posted on the discussion board.

There will be a test on your APA knowledge. This test will be related to APA and will count as one discussion grade. It will be taken in class and you will have 45 minutes. You may use your APA manual for this pretest.

**Exam:** The exam will include information regarding nursing history, science, philosophy, and selected grand theorist and will be taken in class. You will have 1 hour. **Books and notes will NOT be used.**

**Paper 1: Developing a Theoretical Definition of Concept of Interest**

The purpose of this paper is for students to identify a concept of interest, review the related literature, and develop both a theoretical and operational definition. Students will provide rationale for their choice of concept and then review the nursing literature to identify how others have used and defined the concept. They will summarize the definitions of the concept from their literature review, which will culminate in the development of a theoretical definition of the concept (that will be relevant to their practice). From their literature review, they will also identify empirical referents of their concept in order to create an operational definition. See grading criteria. Do not pick Grand Theory for your papers.

**Middle Range or Borrowed Theory Presentation**

Each student will select a recent and appropriate middle range nursing theory, a non-nursing, or physiological theory that relates to the student’s selected area of interest. The presentation will include a description, analysis, and evaluation of the selected theory. See grading criteria.

**Paper 2: Theoretical Framework Paper**

The purpose of this paper is for students to create a theoretical framework for a research study on your concept of interest. You will describe a middle range or borrowed theory that could be used for a foundation for a theoretical framework. See grading criteria.

**Grading Policy** 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.

Course Grading Scale

A = 90 to 100

B = 80-89

C = 70-79

D = 60 to 69 – cannot progress

F = below 59 – cannot progress

* There are no options for extra credit in this course.
* Work may not be re-submitted for re-grading
* Acceptance of a late assignment is at the discretion of the instructor. Work is considered late if it is received after the scheduled due date and time. Points (at least 5) will be deducted for work that is submitted late.Graded late work is not guaranteed to be returned at the same time on-time assignments are returned.
* Grades of incomplete are NOT automatically given when there are missing assignments at the end of the course. A student must discuss, with the faculty of record for the course, the reasons that an incomplete grade is being requested. This discussion must occur as soon as the student recognizes that a problem exists. Faculty members are not obligated to grant an incomplete grade. With no prior discussion of the need for an incomplete, students not completing the required activities will receive the grade for the course based on the percentage of the required material submitted.

In this course, you will submit papers as Microsoft Word-compatible documents to **SafeAssign** in Blackboard. Review the student resources section on Blackboard for more information about the tool. You are encouraged to use the DRAFT function within SafeAssign prior to submitting your FINAL draft. See details below:

1. DRAFT: The DRAFT SafeAssign feature allows you to check your paper for potential areas of plagiarism so that you may edit it prior to turning in your final submission. The SafeAssign DRAFT is not reviewed by your instructor. At busy times, it may take up to 72 hours to receive a report.

2. FINAL: This Safe Assign location is separate and is the only one that will be graded. Only one document can be uploaded per SafeAssign. **The document you upload to the FINAL dropbox is the one that will be graded, so be certain it is the correct paper. The file name should have your last name and initial and short version of assignment name (example, BaxleySpaper1.doc)**

**Grade Grievances**: Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog, <http://catalog.uta.edu/academicregulations/grades/#graduatetext>.

**Make-up Exams:** Please contact your faculty for approval prior to date of test or exam.

**Test Reviews:** Contact faculty for instructions.

**Expectations of Out-of-Class Study:** Beyond the time required to attend each weeks discussion, students enrolled in this course should expect to spend at least an additional 12 hours per week on their own time in course-related activities, including reading required materials, completing assignments, preparing for exams, etc.

**Attendance Policy: 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 will not take attendance but your discussion grade depends on your participation on a weekly basis and when the class meets. If you do not participate, your grade will be adjusted for that discussion grade.

**CONHI - language**

**Drop Policy:** 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 Office of Financial Aid and Scholarships at <http://www.uta.edu/fao/>  .  The last day to drop a course is listed in the Academic Calendar available at <http://www.uta.edu/uta/acadcal.php?session=20146>

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 last day to drop may, receive a grade of W. Students dropping a course must:

(1)  Contact your graduate advisor to obtain the drop form and further instructions before the last day to drop.

**Census Day: February 3, 2016**

**Last day to drop or withdraw April 1, 2016 by 4:00 p.m.**

**Disability Accommodations:** UTArlington 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), The Americans with Disabilities Amendments Act (ADAAA),* and *Section 504 of the Rehabilitation Act.* 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 disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the **Office for Students with Disabilities (OSD).** Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

**The Office for Students with Disabilities, (OSD)**  www.uta.edu/disability or calling 817-272-3364.

**Counseling and Psychological Services, (CAPS)** www.uta.edu/caps/ or calling 817-272-3671.

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 or by calling the Office for Students with Disabilities at (817) 272-3364.

**Title IX:** *The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos. For information regarding Title IX, visit* [www.uta.edu/titleIX](http://www.uta.edu/titleIX).

**Academic Integrity:**  All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

*I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*

*I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.*

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted.

Per UT System Regents’ Rule 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with the University policy, which may result in the student’s 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."

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. 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/plagiarism/index.html>

**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 [www.uta.edu/resources](http://www.uta.edu/resources).

**The English Writing Center (411LIBR)**: Hours are 9 am to 8 pm Mondays-Thursdays, 9 am to 3 pm Fridays and Noon to 5 pm Saturdays and Sundays. Walk In ***Quick Hits*** sessions during all open hours Mon-Thurs. Register and make appointments online at [http://uta.mywconline.com](http://uta.mywconline.com/). Classroom Visits, Workshops, and advanced services for graduate students and faculty are also available. Please see [www.uta.edu/owl](http://www.uta.edu/owl) for detailed information.

**Student Success Faculty:** In order to assist masters nursing students who are at academic risk or who need academic support, there are graduate faculty members available to you. The goal of the success faculty members is to support student achievement in masters-level coursework so students can reach their educational goals. Students may contact a success faculty member directly, or a course instructor may encourage you to contact a success faculty member.

The success faculty in the MSN Program:

Dr. Donelle Barnes is available as a writing coach to assist students in the MSN Core courses; theory, research, and evidence based practice. Since these courses are writing intensive, Dr. Barnes can help students improve the clarity and organization of their written papers. She can be reached via email: donelle@uta.edu.

Dr. Mary Schira is available as a success faculty to assist with diverse resources that may include study skills, testing challenges/approaches, managing multiple responsibilities, and addressing personal issues impacting academic performance.   Course content challenges may also be addressed, with referral to additional resources as indicated.  Dr. Schira can be reached via email:  schira@uta.edu.

**Electronic Communication:** UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. **All students are assigned a MavMail account and are responsible for checking the inbox regularly.** There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at <http://www.uta.edu/oit/cs/email/mavmail.php>.

If you are unable to resolve your issue contact the Helpdesk at helpdesk@uta.edu.

**Student Feedback Survey:**  At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory shall be directed to complete a Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit <http://www.uta.edu/sfs>.

**Final Review Week:**  A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week *unless specified in the class syllabus*. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate. **There is No final exam in this course.**

**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 exit. 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.

**Librarian to Contact:**

|  |  |  |  |
| --- | --- | --- | --- |
| Peace Williamson 817-272-6208peace@uta.edu | Lydia Pyburn 817-272-7593llpyburn@uta.edu | Heather Scalf817-272-7436scalf@uta.edu | Kaeli Vandertulip817-272-5352Kaeli.vandertulip@uta.edu |

Contact all nursing librarians:

library-nursing@listserv.uta.edu

**Helpful Direct Links to the UTA Libraries’ Resources**

|  |  |
| --- | --- |
| **Research Information on Nursing**  | [**http://libguides.uta.edu/nursing**](http://libguides.uta.edu/nursing) |
| **Library Home Page**  | <http://library.uta.edu/> |
| **Subject Guides**  | <http://libguides.uta.edu> |
| **Chat with the Library**  | <http://ask.uta.edu> |
| **Database List**  | <http://libguides.uta.edu/az.php>  |
| **Course Reserves**  | <http://pulse.uta.edu/vwebv/enterCourseReserve.do> |
| **Library Catalog**  | <http://uta.summon.serialssolutions.com/#!/> |
| **E-Journals**  | <http://pulse.uta.edu/vwebv/searchSubject> |
| **Library Tutorials**  | <http://www.uta.edu/library/help/tutorials.php> |
| **Connecting from Off- Campus**  | <http://libguides.uta.edu/offcampus> |

The following URL houses a page where we have gathered many commonly used resources needed by students in online courses: <http://www.uta.edu/library/services/distance.php>.

**UTA College of Nursing and Health Innovation - 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 the Associate Dean- Department of Graduate Nursing. The complete policy about encumbered licenses is available online at: [www.bon.state.tx.us](http://www.bon.state.tx.us)

**MSN Graduate Student Dress Code:** The College of Nursing and Health Innovation expects students to reflect professionalism and maintain high standards of appearance and grooming in the clinical setting. Students must adhere to the Dress Code Policy. www.uta.edu/nursing/file\_download/234/BSNDressCode.pdf **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.**

**UTA Student Identification: MSN Students MUST be clearly identified as UTA Graduate Students and wear a UTA College of Nursing and Health Innovation ID in the clinical environment.**

**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/>

**Ebola exposure**: Please inform your faculty if you have been in contact with anyone who has Ebola/have traveled to a country that has Ebola virus.

**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/msn/msn-students>

**Student Code of Ethics:** The University of Texas at Arlington College of Nursing and Health Innovation 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/msn/msn-students>

 **No Gift Policy:** In accordance with Regent Rules and Regulations and the UTA Standards of Conduct, the College of Nursing and Health Innovation has a “no gift” policy. A donation to one of the UTA College of Nursing and Health Innovation Scholarship Funds, found at the following link: is <http://www.uta.edu/nursing/student-resources/scholarship> 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.

**Online Conduct:** The discussion board should be viewed as a public and professional forum for course-related discussions. Students are free to discuss academic matters and consult one another regarding academic resources. The tone of postings should be professional in nature.

It is not appropriate to post statements of a personal or political nature, or statements criticizing classmates or faculty. Inappropriate statements/language will be deleted by the course faculty and may result in denied access to the Discussion boards. Refer to UTACON Graduate Student Handbook for more information.

***For this course Blackboard communication tools, discussion boards, and UTA MAV email will be used extensively and should be checked often.***

**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. For non-emergencies, call 817-272-3381.

**Department of Graduate Nursing**

|  |  |
| --- | --- |
| **Judy LeFlore, PhD, RN, NNP-BC, CPNP-PC & AC, ANEF, FAAN**Interim Associate DeanChair, Graduate Nursing ProgramsDirector, PNP, ACPNP, NNP ProgramsPickard Hall Office #518Email address:  jleflore@uta.edu | **Kathy Daniel, PhD, RN, ANP/GNP-BC, AGSF**Associate Chair, Graduate Nurse Practitioner ProgramsPickard Hall Office #615817-272-0175Email address: kdaniel@uta.edu |
| **Lauri John, PhD, RN, CNS**Associate Chair, Graduate Educator and Administration ProgramsPickard Hall Office #519817-272-0172Email address: ljohn@uta.edu | **Rose Olivier**Administrative Assistant IPickard Hall Office # 605(817) 272-9517Email address: olivier@uta.edu |
|  **Janyth Mauricio (Arbeau)**Clinical CoordinatorPickard Hall Office # 610(817) 272-0788Email address:  janyth.mauricio@uta.edu ornpclinicalclearance@uta.edu | **Angel Trevino-Korenek**Clinical CoordinatorPickard Hall Office # 610(817) 272-6344Email address:  angel.korenek@uta.edu |
| **Janette Rieta**Administrative Assistant – NADM, NEDUPickard Hall #510817-272-1039jrieta@uta.edu | **Christina Gale**Support Specialist I (Assisting Vivian and Rose)Pickard Hall Office #510817-272-1039Email address:  christina.gale@uta.edu |

|  |
| --- |
| **Graduate Advisors:** |
| **Campus-based Programs:****NP Students with last Name A-L and Post MSN Certificate NP Program Students:**Sheri Decker, Graduate Advisor IIIPickard Hall Office # 611(817) 272-0829Email: s.decker@uta.edu  | **Campus-based Programs:****NP Students with Last Name M-Z and ALL NNP Program Students:**Luena Wilson, Graduate Advisor IPickard Hall Office # 613(817) 272- 4798Email: lvwilson@uta.edu |
| **Off –campus (AP) ADM/EDU/FNP** **Students with last name A-L**Lisa Rose, Graduate Advisor IIPickard Hall Office #628-B817-272-9087Email:  lirose@uta.edu | **Off –campus (AP) ADM/EDU/FNP Students  with last name M-Z**Caitlin Wade,Graduate Advisor IIPickard Hall Office #631817-272-9397Email:  cwade@uta.edu |