EDUC 5301: Research Methods for the Behavioral Sciences  
The University of Texas at Tyler  
School of Education

Course: EDUC 5301  
Semester & Year: Spring 2018  
Class Location: Online Course

Professor: Teresa J. Kennedy, Ph.D.  
Professor, International STEM and Bilingual/ELL Education  
College of Education and Psychology; College of Engineering

Office: BEP 229F  
Phone: 903.566.7448  
Email: tkennedy@uttyler.edu (preferred method)  
Office Hours: By appointment

Course Catalog Description
This course is designed to provide the student with an introduction to the fundamentals of research in the behavioral sciences. Students will gain competencies in the evaluation of research reports and the development and planning of research proposals.

<table>
<thead>
<tr>
<th>Student Learning Outcomes &amp; Assessments</th>
<th>STANDARDS</th>
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<tbody>
<tr>
<td>The students will be able to:</td>
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<tr>
<td>• Identify and discuss different types of research methodology and their uses</td>
<td>Texas Educator Standards: #3, #5, and #6 INTASC: #9 and #10</td>
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<td>• Evaluate research methods from published reports</td>
<td>Texas Educator Standards: #3, #5, and #6 INTASC: #9 and #10</td>
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<td>• Review and synthesize available literature regarding a research question</td>
<td>Texas Educator Standards: #3, #5, and #6 INTASC: #9 and #10</td>
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<td>• Construct a research proposal</td>
<td>Texas Educator Standards: #3, #5, and #6</td>
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<tr>
<td>• Recognize and design ethical research practices and protocol</td>
<td>Texas Educator Standards: #3, #5, and #6 INTASC: #9 and #10</td>
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Evaluation and Grading
IRB Training 5%  
Journal Summaries 10%  
Exams 20%  
Practice Studies Review 10%  
Paper Toss Analysis 10%  
Research Proposal 30%  
Participation and Contribution 15%  
TOTAL 100%

A = 90-100%  C = 70-79%  B = 80-89%  D = 60-69%  F = 0-59%

*Last Day to Withdraw from Spring 2018 Courses: Monday, 2 April 2018*
Teaching Strategies

1. IRB Training – Students in this course will complete an online training module related to Ethical Research practices regarding Human Subjects.

2. Journal Summaries: Students will review journal articles and construct a Journal Review and Synthesis assignment that will assist students in being consumers and communicators of literature.

3. Exams: Students will be required to complete two online exams covering content from various chapters in the textbook.

4. Practice Studies’ Review: Students will review and critique research methodology of published articles pertinent to specific topics in research methods.

5. Research Proposal: Students will construct a research proposal complete with a purpose statement, review of literature, research questions, hypothesis, and general methods sections. Students will have assignments connected to the proposal construction throughout the semester.

6. Participation and Contribution: Students will be expected to participate in online tasks and contribute to class discussions throughout the semester.

7. Paper Toss Analysis: Students will be given a set of criterion that will have them collect data, analyze the data, and practice descriptive and inferential statistical methods.

Tentative Course Outline: (The Instructor reserves the right to adapt this outline as needed during the semester.)

Note that all assignment due dates are provided in the Online Canvas Course.

<table>
<thead>
<tr>
<th>Week (Start Date)</th>
<th>Chapters</th>
<th>Assignments</th>
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<tbody>
<tr>
<td>Module 1</td>
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<tr>
<td>Week 1 (Start 1/16)</td>
<td>Chapter 1</td>
<td>Chapter 1</td>
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<td>Module 2</td>
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<tr>
<td>Week 2 (Start 1/22)</td>
<td>Chapters 2 and 3a</td>
<td>FlipGrid Introduction (due Jan. 23)</td>
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<td>Chapter 1 Quizlet (Jan. 23)</td>
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<tr>
<td>Week 3 (Start 1/29)</td>
<td>Chapters 3a and 3b</td>
<td>FlipGrid Primary, Secondary, and General Sources (due Feb. 6)</td>
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<td>Initial Research Topic (due Jan. 30)</td>
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<td>Paper Toss Data Collection (due Jan. 30)</td>
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<td>Module 3</td>
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<tr>
<td>Week 4 (Start 2/5)</td>
<td>Chapters 4 and 5</td>
<td>Chapter 2 Quizlet (Feb. 6)</td>
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<td>Journal Review and Synthesis (due Feb. 20)</td>
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<td>Week 5 (Start 2/12)</td>
<td>Chapters 6</td>
<td>Practice Study 1 (due Feb. 13)</td>
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<td>Chapters 3a, and 3b quizzes</td>
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<tr>
<td>Week 6 (Start 2/19)</td>
<td>Chapters 13</td>
<td>Chapters 4, 5 and 6 quizzes (due Feb. 20)</td>
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<tr>
<td>Module 4</td>
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<tr>
<td>Week 7 (Start 2/26)</td>
<td>Continue with chapters</td>
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<td>Week 8 (Start 3/5)</td>
<td>Chapters 7 and 8</td>
<td>Proposal Draft Literature Review</td>
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<td>Midterm Exam (March 6)</td>
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<tr>
<td>Week 9 (Start 3/19)</td>
<td>Chapters 8</td>
<td>Practice Study 2 (due April 17)</td>
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<td>Paper Toss Analysis (due March 20)</td>
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<td>IRB Training (due March 20)</td>
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<td>Module 5</td>
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<tr>
<td>Week 10 (Start 3/26)</td>
<td>Chapters 9 and 10</td>
<td>Chapters 7 and 8 quizzes (due March 27)</td>
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<tr>
<td>Week 11 (Start 4/2)</td>
<td>Chapters 10 and 11</td>
<td>Draft Literature Review (due April 13)</td>
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<td>Week 12 (Start 4/9)</td>
<td>Chapters 11 and 12</td>
<td>Continue with chapters</td>
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<td>Module 6</td>
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<tr>
<td>Week 13 (Start 4/16)</td>
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<td>Proposal Draft Methods Section</td>
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<td>Chapters 9, 10, 11 and 12 quizzes (due April 17)</td>
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<td>Week 14 (Start 4/23)</td>
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<td>Peer Review</td>
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<td>Final Exam (Wednesday, May 2)</td>
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<td>Finals Week (Start 4/30)</td>
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<td>Final Proposal</td>
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*Participation and Contribution Tasks/Assignments will be available in the Online Course on Canvas each week*
Required Text, Materials/Supplies, and Related Readings

Please Note: The Campus bookstore has the 9th Edition and is unable to carry the 8th Edition. The instructor will be using content primarily from the 8th Edition with supplements from the 9th Edition. Both editions are closely related and success in this course can be accomplished through either edition.

Additional Note: A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Additional Resources

Course Policies
Online participation is imperative to the success in this online course. Students are expected to regularly review the course management system, check email, and contribute to course assignments.

All assignments are due on or before the dates provided in the Topical Outline. Each written assignment must be typewritten and submitted in Canvas. General guidelines for written assignments are:

1. On Time
2. Word-Processed, Double-Spaced, Times New Roman 12 Font
3. Free of typographical errors

No email attachments of assignments will be accepted. Submission deadlines are final and links will be removed after deadline has expired. NO LATE assignments will be accepted unless a valid pre-approved or medical reason has been discussed with the professor. If an assignment is not completed on time due to a documented illness, funeral, or other university related activity, then a make-up date can be scheduled with the professor. All late assignments or non-submitted assignments will receive a score of zero points.

If an assignment is plagiarized, then the student will receive a zero for the assignment. Academic dishonesty is not tolerated. The professor reserves the right to assign a failing grade for the course and report student behavior to university officials if offenses are egregious or occur more than once.

UNIVERSITY POLICIES

UT Tyler Honor Code
Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities
To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: http://www.utttyler.edu/wellness/rightsresponsibilities.php

Campus Carry
We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at http://www.utttyler.edu/about/campus-carry/index.php

Tobacco-Free University
All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kretex, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit http://www.utttyler.edu/tobacco-free
**Grade Replacement/Forgiveness and Census Date Policies**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Spring, the Census Date is January 29.) Grade Replacement Contracts are available in the Enrollment Services Center or at http://www.utttyler.edu/registrar. Each semester’s Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (January 29) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

**State-Mandated Course Drop Policy**

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

**Disability Services**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University offers accommodations to students with learning, physical and/or psychiatric disabilities. If you have a disability, including non-visible disabilities such as chronic diseases, learning disabilities, head injury, PTSD or ADHD, or you have a history of modifications or accommodations in a previous educational environment you are encouraged to contact the Student Accessibility and Resources office and schedule an interview with the Accessibility Case Manager/ADA Coordinator, Cynthia Lowery Staples. If you are unsure if the above criteria applies to you, but have questions or concerns please contact the SAR office. For more information or to set up an appointment please visit the SAR office located in the University Center, Room 3150 or call 903.566.7079. You may also send an email to cstaples@uttyler.edu

**Student Absence due to Religious Observance**

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

**Student Absence for University-Sponsored Events and Activities**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

**Social Security and FERPA Statement:**

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

**Emergency Exits and Evacuation:**

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.
**Student Standards of Academic Conduct:** Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but 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.

(i) “Cheating” includes, but is not limited to:
- copying from another student’s test paper;
- using, during a test, materials not authorized by the person giving the test;
- failure to comply with instructions given by the person administering the test;
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- collaborating with or seeking aid from another student during a test or other assignment without authority;
- discussing the contents of an examination with another student who will take the examination;
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
- falsifying research data, laboratory reports, and/or other academic work offered for credit;
- taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.

(ii) “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.

(iii) “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

(iv) All written work that is submitted will be subject to review by TurnitIn, available on Canvas.

**UT Tyler Resources for Students:**
- UT Tyler Writing Center (903.565.5995), writingcenter@utttyler.edu, [http://www.utttyler.edu/writingcenter/](http://www.utttyler.edu/writingcenter/)
- UT Tyler Tutoring Center (903.565.5964), tutoring@utttyler.edu, https://www.utttyler.edu/tutoring/
- The Mathematics Learning Center, RBN 4021. This is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903.566.7254) https://www.utttyler.edu/counseling/

**COLLEGE OF EDUCATION AND PSYCHOLOGY (CEP) VISION AND MISSION**

Vision: The College of Education and Psychology is nationally recognized and respected for its academic programs and opportunities. It is a center of academic excellence, scholarly inquiry, and public service. The College prepares leaders to meet the critical challenges of the 21st Century through productive contributions to local and global communities and toward individual and cultural equity.

Mission: The mission of the College of Education and Psychology is to provide a positive environment that fosters the acquisition of knowledge and skills. The mission is individually and collectively realized through a community of scholars that contributes to knowledge through scholarly inquiry; organizes knowledge for application, understanding and communication; and provides leadership and service. We affirm and promote global perspectives that value individual and cultural diversity to enhance learning, service, and scholarship.
Texas Administrative Code

TITLE 19  EDUCATION
PART 7  STATE BOARD FOR EDUCATOR CERTIFICATION
CHAPTER 247  EDUCATORS' CODE OF ETHICS
RULE §247.2  Purpose and Scope; Definitions

(b) Enforceable Standards.

(1) Professional Ethical Conduct, Practices and Performance.

(A) **Standard 1.1.** The educator shall not intentionally, knowingly, or recklessly engage in deceptive practices regarding official policies of the school district, educational institution, educator preparation program, the Texas Education Agency, or the State Board for Educator Certification (SBEC) and its certification process.

(B) **Standard 1.2.** The educator shall not knowingly misappropriate, divert, or use monies, personnel, property, or equipment committed to his or her charge for personal gain or advantage.

(C) **Standard 1.3.** The educator shall not submit fraudulent requests for reimbursement, expenses, or pay.

(D) **Standard 1.4.** The educator shall not use institutional or professional privileges for personal or partisan advantage.

(E) **Standard 1.5.** The educator shall neither accept nor offer gratuities, gifts, or favors that impair professional judgment or to obtain special advantage. This standard shall not restrict the acceptance of gifts or tokens offered and accepted openly from students, parents of students, or other persons or organizations in recognition or appreciation of service.

(F) **Standard 1.6.** The educator shall not falsify records, or direct or coerce others to do so.

(G) **Standard 1.7.** The educator shall comply with state regulations, written local school board policies, and other state and federal laws.

(H) **Standard 1.8.** The educator shall apply for, accept, offer, or assign a position or a responsibility on the basis of professional qualifications.

(I) **Standard 1.9.** The educator shall not make threats of violence against school district employees, school board members, students, or parents of students.

(J) **Standard 1.10.** The educator shall be of good moral character and be worthy to instruct or supervise the youth of this state.

(K) **Standard 1.11.** The educator shall not intentionally or knowingly misrepresent his or her employment history, criminal history, and/or disciplinary record when applying for subsequent employment.

(L) **Standard 1.12.** The educator shall refrain from the illegal use or distribution of controlled substances and/or abuse of prescription drugs and toxic inhalants.

(2) Ethical Conduct Toward Professional Colleagues.

(A) **Standard 2.1.** The educator shall not reveal confidential health or personnel information concerning colleagues unless disclosure serves lawful professional purposes or is required by law.

(B) **Standard 2.2.** The educator shall not harm others by knowingly making false statements about a colleague or the school system.

(C) **Standard 2.3.** The educator shall adhere to written local school board policies and state and federal laws regarding the hiring, evaluation, and dismissal of personnel.

(D) **Standard 2.4.** The educator shall not interfere with a colleague's exercise of political, professional, or citizenship rights and responsibilities.

(E) **Standard 2.5.** The educator shall not discriminate against or coerce a colleague on the basis of race, color, religion, national origin, age, gender, disability, family status, or sexual orientation.

(F) **Standard 2.6.** The educator shall not use coercive means or promise of special treatment in order to influence professional decisions or colleagues.

(G) **Standard 2.7.** The educator shall not retaliate against any individual who has filed a complaint with the SBEC or who provides information for a disciplinary investigation or proceeding under this chapter.

(3) Ethical Conduct Toward Students.

(A) **Standard 3.1.** The educator shall not reveal confidential information concerning students unless disclosure serves lawful professional purposes or is required by law.

(B) **Standard 3.2.** The educator shall not intentionally, knowingly, or recklessly treat a student or minor in a manner that adversely affects or endangers the learning, physical health, mental health, or safety of the student or minor.

(C) **Standard 3.3.** The educator shall not intentionally, knowingly, or recklessly misrepresent facts regarding a student.
(D) **Standard 3.4.** The educator shall not exclude a student from participation in a program, deny benefits to a student, or grant an advantage to a student on the basis of race, color, gender, disability, national origin, religion, family status, or sexual orientation.

(E) **Standard 3.5.** The educator shall not intentionally, knowingly, or recklessly engage in physical mistreatment, neglect, or abuse of a student or minor.

(F) **Standard 3.6.** The educator shall not solicit or engage in sexual conduct or a romantic relationship with a student or minor.

(G) **Standard 3.7.** The educator shall not furnish alcohol or illegal/unauthorized drugs to any person under 21 years of age unless the educator is a parent or guardian of that child or knowingly allow any person under 21 years of age unless the educator is a parent or guardian of that child to consume alcohol or illegal/unauthorized drugs in the presence of the educator.

(H) **Standard 3.8.** The educator shall maintain appropriate professional educator-student relationships and boundaries based on a reasonably prudent educator standard.

(I) **Standard 3.9.** The educator shall refrain from inappropriate communication with a student or minor, including, but not limited to, electronic communication such as cell phone, text messaging, email, instant messaging, blogging, or other social network communication. Factors that may be considered in assessing whether the communication is inappropriate include, but are not limited to:

(i) the nature, purpose, timing, and amount of the communication;

(ii) the subject matter of the communication;

(iii) whether the communication was made openly or the educator attempted to conceal the communication;

(iv) whether the communication could be reasonably interpreted as soliciting sexual contact or a romantic relationship;

(v) whether the communication was sexually explicit; and

(vi) whether the communication involved discussion(s) of the physical or sexual attractiveness or the sexual history, activities, preferences, or fantasies of either the educator or the student

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**Source Note:** The provisions of this §247.2 adopted to be effective March 1, 1998, 23 TexReg 1022; amended to be effective August 22, 2002, 27 TexReg 7530; amended to be effective December 26, 2010, 35 TexReg 11242