



**Prairie View A&M University
Whitlowe R. Green College of Education
Course Syllabus EDFN 5103
Educational Research and Design**

Note: This course syllabus is a general plan; revisions may be made at the discretion of Dr. Sonia K. Boone.

INSTRUCTOR CONTACT INFORMATION AND GENERAL COURSE INFORMATION

Instructor: Sonia K. Boone, Ph.D.
Office Location: Wilhelmina F. Delco Building, Room 310
Office Telephone: 936-261-3665
E-Mail Address: skboone@pvamu.edu
Postal Address: Prairie View A&M University
P. O. Box 519 Mail Stop 2410
Prairie View, Texas 77446

Office Hours: Mondays, Tuesdays, and Wednesdays: 11:00-3:00 p.m.
(Unless in Attendance at Departmental/College Meetings)

Virtual Office Hours: By Appointment Only.

Class Location: Wilhelmina F. Delco Building Room 329

**Class Meeting Days
And Time:** Wednesdays, 5:30 p.m. – 8:20 p.m.

Course Web Support: This course is designated as a web-assisted course. Some class meetings will take place via web interaction, discussions, and assignments. For E-Course access please log on to www.pvamu.edu.

Catalogue Description: EDFN 5103 Educational Research and Design (3-0, Three Credit Hours). Basic concepts of research design, strategies of experimental, historical, and descriptive research, and basic statistical procedures are introduced.

Prerequisites: Admission to candidacy and approval of thesis advisor.

Required Texts:

Gay, L. R., Airasian P. Mills G. (2006). *Educational research: competencies for analysis and application* (9th ed.) New Jersey: Merrill.

American Psychological Association (2001). *Publication manual of the American psychological association* (6th ed.) Washington, D.C.: Author.

Johnson, S. (2010). *The present: the secret to enjoying your work and life, now!* New York: Broadway Books. ISBN 13978-0-307-71954-6.

****Other related texts and articles will be supplied by the instructor.****

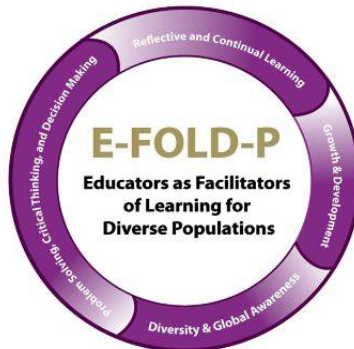
Related Websites:

1. www.tamu.edu/pvamu/library You may access this site for **Test Taking Tips and Reducing Test Anxiety**. You may also reach the **PVAMU Library** at **936-261-1500**.
2. www.bkstr.com/Home/10001-10734-1demoKey=d Please access this website for Access to **PVAMU Learning Resources**. You may also reach the **University Bookstore** at **936-261-1990**.

Course Goals/Correlation to:

- **Conceptual Framework**
- **Content Area and Pedagogy Standards for Texas Educators/TEXES Content and Pedagogy Responsibilities Examinations**
- **NCATE**

Conceptual Framework



The PVAMU Conceptual Framework Model- Educator as Facilitator of Learning for Diverse Populations (E-FOLD-P)- supports the major goals of the Teacher Education Unit. E-FOLD-P guides the design and the implementation of teacher education programs located in the College of Education and constitutes a commitment by the Unit to develop and prepare candidates as:

- **Problem solvers, critical thinkers, and decision makers;**
- **Reflective and continual learners who utilize effective teaching practices;**
- **Facilitators of student growth and development, by precept and example;**
- **Educators with understanding and appreciation of human diversity and global awareness.**

Course Objectives/Outcomes

At the End of this course, students will be able to meet the following NCATE/TEXES Standards:

1. Be able to distinguish between basic research and applied research,
2. Identify the different levels of measurement scales.
3. Identify the criteria for adequate hypotheses.
4. Identify the reasons for conducting a literature review relative to a specific research problem.
5. Conduct a computer search of the literature relative to a specific research problem.
6. Use acceptable referencing formats.
7. Describe various experimental designs.
8. Order the steps of conducting a survey.
9. Explain the components of research design in qualitative research.
10. Describe the four steps in the methodology of conducting historical research.
11. Distinguish between random selection and random assignment.
12. Identify the criteria for a good sampling design.
13. Identify factors to be considered when determining sample size.

14. Define measurement, reliability of measurement and validity of measurement.
15. Describe different procedures for estimating reliability.
16. Compare and contrast different types of evidence of validity.
17. Define the commonly used measures of central tendency: mean, median and mode, and those of dispersion: variance, standard deviation, and range.
18. Prepare and submit a research proposal on a research problem of interest to the student.

Course Requirements & Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Exams – written tests designed to measure knowledge of presented course material

Exercises – written assignments designed to supplement and reinforce course material

Projects – web development assignments designed to measure ability to apply presented course material

Class Participation (Dispositions) – daily attendance (includes absences and tardy arrivals to class) and participation in class discussions (includes professional dress)

Grading Matrix

Instrument	Value (points or percentages)	Total
Quizzes (2)	100 points each	200
Outside of Class/E Courses Activities	100 points Total	100
In Class Participation, Attendance, and Dispositions	100 points	100
Midterm Examination	200 points	200
Written Research Proposal Document Inclusive of Chapters 1-3	200 points	200
Individual Presentation With Power point of Research Proposal Inclusive of Chapters 1-3	200 points	200
Total:		1000 Points

Grade Determination:

A = 900-1000 points;

B = 800-899 points;

C = 700-799 points;

D = 600-699 points;

F = 599 and below.

- **Each assignment must be type-written according to APA standards and must include an APA formatted title page.**

****Late Assignments will not be accepted.**

Course Procedures

EACH STUDENT IS EXPECTED TO:

1. **Attend ALL class meetings (this includes arriving to all class meetings ON TIME).**
2. Remain in class for the entire class period, and when presentations are in progress.
3. Purchase required textbooks.
4. Bring your text book to class each day.
5. Complete all required document downloads.
6. **Read and be thoroughly familiar with the course syllabus; follow directions for completing assignments!**
7. Read all supplementary handouts.
8. Utilize all supplementary websites and web sources.
9. Read and respond to all assigned case studies.
10. **Read the assigned text chapters prior to each class meeting.**
11. **Follow the instructions/requirements/guidelines and/or format provided by the instructor for completing all assignments, including E-Course/Out of Class Activities, in class activities, written proposal assignment, written power point for proposal, and oral presentation for proposal.**
12. **Utilize the required title page format for ALL submitted assignments.**
13. Type all assignments that are to be turned in to the instructor.
14. **Turn in all assignments (major and minor) on the assigned date. (LATE ASSIGNMENTS WILL NOT BE ACCEPTED---NO EXCEPTIONS.)**
15. Take notes on class lectures and classroom discussions.
16. **Bring a Scantron® and a #2 pencil to take your tests and exams. Do not leave class to buy or borrow these items!**
17. Take all quizzes and mid-semester examinations for evaluative purposes.

18. KEEP A COPY OF ALL ASSIGNMENTS SUBMITTED TO THE INSTRUCTOR, INCLUDING RETURNED ASSIGNMENTS, AS WELL AS ANY OTHER COURSE RELATED DOCUMENTS!

19. Turn OFF all electronic devices – use only before or after class!

20. Conference with the instructor, as needed, throughout the semester.

21. MAINTAIN A PROFESSIONAL ATTITUDE AND PROFESSIONAL APPEARANCE AT ALL TIMES!

Formatting Documents:

Microsoft Word is the standard word processing tool used at PVAMU.

- If you are using other word processors, be sure to use the “save as” tool and save the document in either the Microsoft Word, Rich-Text, or plain text format.
- Utilize the services of the Writing Center prior to submitting a major paper or project.
- **Follow the American Psychological Association (APA) writing guidelines** for submitting all essays and/or papers. See the Purdue APA Formatting Style and Guide at the following website: <http://owl.english.purdue.edu/owl/resource/560/01/> Also see this Syllabus Appendix for a sample APA document.
- When using Power Point for presentations, be sure to choose appropriate backgrounds, fonts, font sizes, graphics, and use hyperlinks as needed, and/or as required by the instructor.
- Use Power Point 2003 so that your presentation can be shown on PVAMU computer projection equipment.
- To print out handouts from PPT for class distribution, always choose to print as a black and white handout, with two to four slides per page.

Disability statement (See Student Handbook):

Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

NOTICE OF EQUAL OPPORTUNITY

Prairie View A&M University does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person(s) has been designated to handle inquiries regarding the non-discrimination policies:

Name: Renee R. Williams
Title: Equal Opportunity Compliance Officer/Title IX Coordinator
Institution: Prairie View A&M University
Office of Student Affairs & Institutional Relations
Address: P.O. Box 519: MS 1107
A.I. Thomas Building, St 013
Prairie View, Texas 77446

Telephone: 936-261-2123
Fax: 936-261-2138
Email: rrwilliams@pvamu.edu

Individuals requesting a disability accommodation should contact:

Name: Dr. Kay Norman
Title: Administrator for Diagnostic Testing and Disability Services
Institution: Prairie View A&M University

Email: kfnorman@pvamu.edu

IMPROPER ACADEMIC CONDUCT, PLAGIARISM, AND ACADEMIC DISHONESTY:

Plagiarism is the theft of words, thoughts, and ideas. Consult the PVAMU Undergraduate Catalog for guideline and procedures related to plagiarism. Also see the web link listed below on *Plagiarism - Frequently Asked Questions* compiled by the Coleman Library staff.
http://www.pvamu.edu/PDFFiles/Library/Ref/Plagiarism_FAQ.pdf

Academic Dishonesty for this class includes:

1. Copying from another student's test or exam, taking an exam for another student, or collaborating with another student(s) during an exam.
2. Signing the roll for another student, or related misrepresentation.
3. Using materials during a test that have not been authorized by the instructor giving the exam.
4. Failing to credit sources used in a work or product in an attempt to pass off the work as one's own (Plagiarism is the theft of words, thoughts, and ideas.)
5. Attempting to receive credit for work performed by another, including papers obtained in whole or in part from individuals or other sources.

6. Attempting to receive credit in one or more classes for the same paper or project without written approval of instructors involved.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):

Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

EXAM POLICY

Exams must be taken as scheduled by the instructor. Makeup examinations will NOT be allowed except under documented, extreme emergencies (See Student Handbook).

PLEASE READ AND BECOME FAMILIAR with the UNIVERSITY ATTENDANCE POLICY, INCLUDING THE FOLLOWING:

EXCUSED ABSENCES – Absences due to illness, attendance at university approved activities, and family or other emergencies constitute EXCUSED ABSENCES and **must be supported by documentation presented to the instructor prior to or immediately up the student's return to class. Students are responsible for all oral and written examinations as well as all assignments (projects, papers, reports) whether absence is Excused or Unexcused.**

UNEXCUSED ABSENCES – accumulation of 3 unexcused absences (for the number of clock hours equivalent to the credit for the course) constitutes **excessive absenteeism**. The instructor is **not required** to accept assignments as part of the course requirement **when the student's absence is UNEXCUSED.**

Attendance Policy For EDFN 5103 Spring 2013:

Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a

student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Attendance is included in the final overall grade. For the purposes of this course, three (3) absences will result in the lowering of the student's grade by one letter, and four (4) absences may constitute an automatic grade of "F" for the course. After three (3) excused absences, it is up to the discretion of the professor as to whether or not subsequent absences will result in any grade deductions.

Habitual tardies will be counted as absences (The first three tardies will count as an absence, at the point that there is a fourth tardy will indicate that a conference with Dr. Boone is needed to determine whether or not it would be expedient to continue in this class).

Specific Attendance Policies for This Course Include The Following:

Students are required to attend all class meetings.

In order for an absence to be taken into consideration for being a valid "excused" absence, you must bring appropriate documentation to the instructor when you return from your absence. Appropriate documentation includes official doctor's excuses (for reasons of illness), court documents, etc.

No absences or tardies= 100 points

1absence= 75 points

2 absences= 50 points

3 absences= No points awarded

****Four (4) absences may constitute an automatic "F" for this course!****

Student Academic Appeals Process

Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

WRITTEN ASSIGNMENT SPECIFICATIONS

ASSIGNMENT	POINTS	DUE DATES	OTHER SPECIFICATIONS
Quizzes (2)	100 Points Each, 200 Points Total.		Quizzes will cover specified chapters in the book, all power point notes, and any other materials and information that the instructor

			disseminates to the class.
Outside of Class/E Courses Activities	100 Points Total		These activities will be assigned at the discretion of the professor, and will be submitted through the E-Course System on the assigned day between 7:00 a.m. and 11:59 p.m.
Written Research Proposal Document Inclusive of Chapters 1-3.	200 Points Total		You will be responsible for completing a written document that is your research proposal. This document will include chapters 1-3 of your research proposal according to the checklist/rubric given to all students by the professor. This completed document (along with the paper copy of your power point presentation) <i>must be turned in at the same time that you will complete your Individual Oral Presentation.</i>
Individual Presentation With Powerpoint Inclusive of Chapters 1-3 Research Proposal	200 Points Total		You will be responsible for completing a presentation that is inclusive of your research proposal chapters 1-3. This presentation is oral, and will be completed in the presence of your colleagues and the professor. You will utilize power point to complete this presentation. You will submit a paper copy of your power point presentation (as well as your written research proposal document) to

			the professor <i>at the time of your oral presentation</i> . You will have a 15 minute time limit for your presentation.
Midterm Examination	200 Points		The Midterm will cover specified chapters in the book, all power point notes, and any other materials that the instructor disseminates to the class.

****CLASS CALENDAR OF TOPICS, EVENTS AND READING ASSIGNMENTS****
(This schedule is subject to change at the discretion of Dr. Boone.)

Week	DATE	TOPICS AND EVENTS	ASSIGNMENTS DUE
1	Jan. 16, 2013	Overview of Syllabus and all related activities. Chapter 1	
2	Jan. 24	Chapters 2 and 3	
3	Jan. 30	Chapters 4 and 21	
4	Feb. 6	<i>Library Activity (Attendance at the library is required for this class session.)</i>	
5	Feb. 13	*Quiz One*	
6	Feb. 20	Chapters 5 and 6	
7	Feb. 27	Chapters 7 and 8	Prepare for the Midterm Exam!
8	Midterm Week March 5-7, 2013	Wednesday March 8th - Midterm Exam!	
9	Spring Break March 11-16, 2013		
10	March 20	<i>E Course Activity (Submission of a draft of Chapters 1 and 2)</i>	Please submit your Chapters One and Two Draft to E-Courses between 7:00 a.m. and 11:59 p.m. today.

11	March 27	*Quiz Two*	
12	April 3	Oral Individual Presentations of Research Proposals	
13	April 10	Oral Individual Presentations of Research Proposals	
14	April 17	Oral Individual Presentations of Research Proposals and Final Class Session	

Syllabus Contract

My signature below indicates that I have read, understand and agree to the conditions set forth in the Syllabus for **EDFN 5103 Educational Research and Design**.

I understand that:

- The instructor will follow all policies listed in this Syllabus exactly as printed, including how my grade will be calculated.
 - End-of-course grade reports are final; however, it is my responsibility to inform the instructor via documentation of any errors in grade calculations *prior to* the **final class meeting**.
 - The instructor reserves the right to make changes to the syllabus at any time during the semester, and that I will be notified promptly via my PVAMU University email of any **significant** changes.
 - Extra credit **will not be given** to improve my grade.
 - I am responsible for keeping track of my grades and asking the instructor, via email, if I am unsure of my current grade standing.
 - I am responsible for all course work, **even if I do not attend class**.
 - In accordance with the Syllabus, late assignments are not accepted.
 - It is my responsibility to request an appointment with the instructor **after** consulting with my class Support Team if I am having difficulty with this course.
 - I will listen to my peer's opinions and respect them, even if they differ from my own.
 - Time spent in class is valuable. Therefore, if the instructor thinks that I am disruptive in class, or that I have come to class unprepared, as directed by the instructor, I may be asked to leave and will comply.
 - I understand Prairie View A&M University's Academic Integrity Policy, and I will be in compliance to the rules and procedures therein.
 - I am responsible for my own academic integrity and the integrity of my work.
 - If I have any questions about academic integrity, including proper crediting of sources or working cooperatively on an assignment, it is my responsibility to **first** check with my Support Team, then, if necessary, inform the instructor in an appropriate amount of time if my questions are not answered. Furthermore, if I do not, I am fully responsible for my actions and any consequences.
 - I understand that a consequence for non-compliance to class policies and procedures may result in a reduction of, or a failing grade for this course.
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Printed Name of Master's Degree Candidate

Last 4 digits of SID

PVAMU E-mail Address: _____

Personal Email Address: _____

Phone: (Best contact number): _____ 2nd Contact # _____

Signature of Master's Degree Candidate

Date