



**EDUC 648**  
**Educational Research**  
 School of Education  
 Francis Marion University

**COURSE SYLLABUS**

<b>Instructor:</b>	Dr. Daljit Kaur	<b>Term:</b>	Summer I (2015) June 3 <sup>rd</sup> –July 4 <sup>th</sup>
<b>Office:</b>	CEMC 221	<b>Class Meeting Days:</b>	Online
<b>Phone:</b>	843-661-1478	<b>Class Meeting Hours:</b>	Online
<b>E-Mail:</b>	dkaur@fmarion.edu	<b>Class Location:</b>	Online Blackboard
		<b>Office Hours:</b>	By email or appointment

**Course Description**

This course is designed to provide students an introduction to quantitative and qualitative research methods. Skills in understanding and critically analyzing professional educational research will be emphasized. Basics of statistical analysis will be introduced.

**Topics to be covered include:**

1. Quantitative and qualitative research methods
2. Literature review
3. Ethical Issues
4. Validity and Reliability
5. Sampling
6. Data collection and data analysis
7. Interpreting and drawing conclusions

**Course Objectives**

Upon the completion of this course the students will be able to:

Apply quantitative and qualitative research methods	NAEYC 2002- ADV.2.6
Access online research databases	NAEYC 2002-ADV.2.5 & NETS-S 3.b
Understand methods to collect and analyze data	NAEYC 2002- ADV.2.6 & 2.4, CF 1.B.2
Use APA guidelines	NAEYC 2002-ADV.2.3 & 2.5
Understand ethical issues in conducting research	NAEYC 2002-ADV.2.2
Review, interpret, and critique research studies	NAEYC 2002-ADV.2.3 & 2.5
Prepare literature reviews	NAEYC 2002-ADV.2.3 & 2.6
Apply current research to interpret the culture of poverty as it relates to educational environments.	TCOP Standard 1, Element 1.1

## Required Course Materials

- All course material will be available in blackboard.
- Supplemental readings will be provided by your instructor.
- Students will search for scholarly journal articles online.
- Live Text.

## Course Policies

- No late assignments are accepted. All assignments are due by 11:59 pm on the day they are due.
- You are responsible for checking the "Announcements" section in bb and your email for any updates or changes.

## Course Schedule (Tentative)

<b>Class Dates</b>	<b>Topics/Due</b>
<b>Week 1</b>	<ul style="list-style-type: none"><li>• Introduction to Research</li><li>• Introduction to Quantitative &amp; Qualitative Research Methods</li></ul> <b>Project 1 and Discussion Posting 1</b>
<b>Week 2</b>	<ul style="list-style-type: none"><li>• Review of Literature</li><li>• Methods</li><li>• Sampling</li></ul> <b>Project 2 and Discussion Posting 2</b>
<b>Week 3</b>	<ul style="list-style-type: none"><li>• Data Collection</li><li>• Data Analysis</li><li>• Interpreting &amp; Drawing Conclusions</li></ul> <b>Project 3 and Discussion Posting 3</b>
<b>Week 4</b>	<ul style="list-style-type: none"><li>• Validity and Reliability</li><li>• Ethics</li></ul> <b>Project 4, Discussion Posting 4 &amp; Final Exam</b>

## Course Assignments

<b>Assignments</b>	<b>Points</b>
Project 1	20
Project 2	10
Project 3	10
Project 4	20
Discussion Posting 1	5
Discussion Posting 2	5
Discussion Posting 3	5
Discussion Posting 4	5
Final Exam	20
<b>TOTAL</b>	<b>100</b>

- Assignments submitted for this class are expected to comply with Academic Honesty policy outlined on in the FMU handbook, which can be found at this link: <http://images.acswebnetworks.com/2017/83/StudentHandbook20132014.pdf>. Examples of Academic Dishonesty include plagiarism and cheating.
- All assignments should follow APA formatting guidelines wherever applicable.

**Course Evaluation**

<b>Letter Grade</b>	<b>Grade Percentages</b>	<b>Quality Points per Semester Hour</b>
A	90 or above	4.0
B+	85-89	3.5
B	80-84	3.0
C+	75-79	2.5
C	70-74	2.0
F	Below 70	0.0 (no credit)