JUS 515 Research Design & Analysis
(3 credit hours)
Course Syllabus

Course Description

Examines various research design models applied to the study of crime, and agency administration issues. The course concludes a discussion of the philosophy of scientific inquiry, the discovery and conceptualization of research questions (descriptive, relational, and casual), the operationalization of project concepts and variables, conduct of the study, data analysis, formulating conclusions, and generalization of findings. This course will allow students to analyze various research designs such as historical, legal, action, quasi-experimental, experimental, content analysis, polling, meta-analysis, data mining, citation analysis, policy analysis, investigative reporting, action research, comparative method, observer, participant-observer, micro history, ethnography, oral history, symbolism, photographic analysis, geographic information systems, program evaluation, evaluation, survey research, and other designs and methods. Students will also read and practice policy decisions from report research.

Course Learning Outcomes

By the end of this course, you will be able to:

1. Recognize the criticality of philosophy of science and theories in research.

2. Determine research design constituents.

3. Examine the fundamental roles of research design components.

4. Assess scholarly journal/articles research articles.

5. Apply ethical standards to designing and conducting research, and reporting research findings.

6. Establish research plans for quantitative, qualitative, and mixed methods.

7. Compare and contrast qualitative, quantitative, and mixed methods research.

Prerequisites/Corequisites

JUS 520

Need Help? Get Help!
See Where and How to Get Technical Support at Tiffin University.

General Questions/Comments/Feedback:
online@tiffin.edu

Required Textbook(s) and Resources

Be sure to also review the weekly **Explore** sections for additional library or web resources. For access to databases, research help, and writing tips, visit the [Tiffin University Library](#).

Time Commitment

Effective time management is possibly the single most critical element to your academic success. To do well in this online class you should plan your time wisely to maximize your learning through the completion of readings, discussions, and assignments. Because of our accelerated, seven-week term, TU online courses are designed with the expectation that you dedicate a little over **six (6)** hours per credit hour to course activities and preparation **each week**. For example, for successful completion of a three-credit, seven-week online course you should reserve roughly **twenty (20) hours per week**.

To help plan your time and keep on track toward successful course completion, note the distinctive rhythm of assignment due dates:

1. All times assume Eastern Time (GMT-4).

2. Weeks begin at 12:00 a.m. ET on Monday and end at 11:55 p.m. ET on Sunday.

3. Unless otherwise noted, initial assignments or discussion posts are due by **11:55 p.m. ET** on **Wednesdays.**

4. Additional assignments or follow-up discussion posts are due by **11:55 p.m. ET** on **Saturdays, and**

5. Major assignments and reflections are typically due by **11:55 p.m. ET** on **Sundays.**

Learning Activities

You will be assessed via forum participation discussions, written assignments, and a video presentation of your work. You will be asked to create generate a topic idea for your research, create an IRB proposal, build your research project, analyze your data, and write up your findings. You will create a video presentation of your research with a summary research paper and handout. You will collaborate and evaluate the research of your classmates. These projects are similar to experiences you will encounter as professionals in this field.

Need Help? Get Help!
See Where and How to Get Technical Support at Tiffin University.

General Questions/Comments/Feedback:
online@tiffin.edu

Grading

The chart below identifies the individual contributions from each type of activity, per week.

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Total
Discussions Activity 1.1 (n/a) Activity 1.2 (15) Activity 1.3 (15)	**Discussions** Activity 2.1 (20)	**Discussions** Activity 3.1 (20)	**Discussions** Activity 4.1 (20)	**Discussion** Activity 5.1 (20)	**Discussions** Activity 6.1 (20)	**Discussions** Activity 7.1 (210)	**340**
Assignments n/a	**Assignments** Activity 2.2 (50) Activity 2.3 (50)	**Assignments** Activity 3.2 (150) Activity 3.3 (10)	**Assignments** n/a	**Assignments** Activity 5.2 (0)	**Assignments** n/a	**Assignments** Activity 7.2 (400)	**660**
30	**120**	**180**	**20**	**20**	**20**	**610**	**1000**

Grading Scale

A: 90-100% | B: 80-89% | C: 70-79% | F: <69%

Course Schedule and Weekly Checklist

Topic	**Learning Activities** (Due by 11:55 p.m. ET on day designated)
Start Here	❑ MON: Activity 1.1: Meet Your Peers
Week 1: Historical Roots of Research: From past to present Why do we do research?	❑ WED: Activity 1.2: Define Research - Initial Post ❑ WED: Activity 1.3: Serendipity in Research - Initial Post ❑ SUN: Activity 1.1: Meet Your Peers – Secondary Post ❑ SUN: Activity 1.2: Define Research - Secondary Posts ❑ SUN: Activity 1.3: Serendipity in Research - Secondary Posts

Need Help? Get Help!
See Where and How to Get Technical Support at Tiffin University.

General Questions/Comments/Feedback:
online@tiffin.edu

Week 2: The Scientific Method Hypothesis Development Ethics	❑ WED: Activity 2.1: Discuss Ethical Issues - Initial Post ❑ SAT: Activity 2.1: Discuss Ethical Issues - Secondary Posts ❑ SUN: Activity 2.2: Research Project Idea ❑ SUN: Activity 2.3: Certification
Week 3: Types of research (e.g., qualitative, quantitative, mixed measures, applied, archival) Navigating IRB requirements	❑ WED: Activity 3.1: Research Discussion - Initial Post ❑ SAT: Activity 3.1: Research Discussion - Secondary Posts ❑ SUN: Activity 3.2: IRB-Ready Proposal ❑ SUN: Activity 3.3: Explore IRB
Week 4: Designs Design Types Tools	❑ WED: Activity 4.1: Research Publication Analysis - Initial Post ❑ SUN: Activity 4.1: Research Publication Analysis - Secondary Posts
Week 5: Data collection Organization/coding/compilation Data analysis Data Interpretation	❑ TUE: Activity 5.1: Data Analysis Plan ❑ WED: Activity 5.2: Discuss Data Analysis Plan – Initial Post ❑ SUN: Activity 5.2: Discuss Data Analysis Plan – Secondary Posts
Week 6: Publication formats Typical and non-typical communication (SH) Summary papers Reports for professional meetings Major field projects Community/public presentations Choosing the best format for your research	❑ WED: Activity 6.1: Research Writing Types - Initial Post ❑ SUN: Activity 6.1: Research Writing Types - Secondary Posts

Need Help? Get Help!
See Where and How to Get Technical Support at Tiffin University.

General Questions/Comments/Feedback:
online@tiffin.edu

Week 7: Final project write-up Presentation	❏ WED: Activity 7.1: Discuss Presentation and Research Summary Handout - Initial Post ❏ THU: Activity 7.2: Final Project ❏ SAT: Activity 7.1: Discuss Presentation and Research Summary Handout - Secondary Posts

Tips for Success

Successful online learning requires a good deal of self-discipline and self-direction. As seekers of the truth, we should be willing to challenge and review one another's academic work in a spirit of respectful comradery and constructiveness. Your course is a place for you to stretch and grow as you benefit from the expertise, knowledge, experience and diverse perspectives of your instructor and peers. Constructive feedback will challenge you to stretch your own thinking, thereby expanding your knowledge, understanding and application.

To get the most out of your learning experience, you should actively engage (participate) in **ALL** course activities. Course elements are arranged chronologically. To complete a week, simply work your way "down the page" through all of the course materials and activities.

For More Information:

Be sure to review the Support, Policies, and Procedures addendum.