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| **Course Name:     Research Methodology  I** | | |
| **Course Code: PSYC 305,** pré réquisit:PSYC 220. | **Course Type (Core)** | **Course Credits: 3** |
| **Class Timings: MWF**  **11:00-11:50** |  | **Student Meeting Hours/ Office Hours:** Monday, Wednesday & Friday: 1-2 or by appointment |
| **Instructor Name:** Afshi Yahya Khan; Dept of Psychology | | |
| “Teaching is about Learning”. I want my students to enjoy the interaction in my classroom and to be challenged by the intellectual discussion of course material. As a teacher I will create such an environment in the class that is conducive to learning. Dear Students learning is not a passive process, it requires motivation, effort, and persistence. In my role as a teacher, I have three major functions: facilitator, guide, and mentor. These are not mutually exclusive activities. Each lecture, classroom activities and discussions, experiential exercises, research experiments or homework assignments and presentation contain elements of all three functions. | | |
| **Instructor Contact Details**  Email: afshikhan@fccollege.edu.pk  Students can send their queries through email and what’s app till 3 Pm from Monday to Friday.  I will reply within 24- 48 hours | | |
| **TA Name and Contact Details (if applicable): N/A**  Name:                                                               Email:  Other:                                                               Office Hours:  Guidelines for contacting TA/s: | | |
| **Course Description**:  This course provides basic understanding of research methodology. History of scientific approach, basic elements, methods, design, and structure of research with emphasis on data collection, analysis, and interpretation. Also focusing on writing reports and ethics of social science research. A small research proposal will be required individually as well as mini research with data collection, data analysis and a research report. | | |
| **Main Mode of Instruction: In person lectures Group discussion** *Moodle, Zoom*  **Technology Requirements** *knowledge to use Moodle, You tube and Zoom*  **Technology Etiquettes** *see instructions for Students*  **Notes/ slides will be available on MOODLE for** | | |
| * **Course Objectives** At develop an understanding and a scientific attitude towards psychological research. * understand the goals and assumptions of research * demonstrate awareness about the ethical guidelines of psychological research * understand and differentiate between basic research methods in psychology * identify and list the strengths and weaknesses of different research designs * apply critical thinking to the use and misuse of psychological methods. * propose a psychological research study in APA format which will include a proposed title, running head etc., literature review relevant to selected proposed research topic, peer reviewed references, research questions/ hypotheses, operational definitions of research variables, proposed method and procedure, instruments with evidence of its reliability and validity with statistical analysis. | | |

**Course Content, Learning Material & Activities Schedule**

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| **Wk** | **Topic/ Title** |  | | |
| In-Person | | Class room activities and Home work | | Assessment |
| 1 |  | Introduction of the course RM  Characteristics  Background… other methods | | Group discussion ,Reading materials, hands out and discussion blogs will be uploaded on MOODlE | |  |
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| 2 |  | Research /Scientific Methods | | PPT, hands out, related articles, and web links will be uploaded on MOODLE | |  |
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| 3 | Ch 3 | Ethical considerations in Research | | PPT, hands out, related articles and web links will be uploaded on MOODLE , | |  |
|  |  | |  | |  |
| 4 | Ch 4 | Research Methods ( Observational Method | | PPT, hands out, related articles and web links will be uploaded on MOODLE | |  |
|  | Hypotheses  Research, Null, Directional Non-Directional, | | PPT, hands out related articles and web links will be uploaded on MOODLE | | Quiz 1 ( introduction of research as scientific method of study, observational method and Ethical Considerations) |
| 6 |  | Research Designs (longitudinal, cross sectional, ABA) | | PPT, hands out related articles and web links will be uploaded on MOODLE | |  |
| 7 |  | Research proposal Development | | PPT, hands out related articles and web links for sample synopsis will be uploaded on MOODLE | | Quiz 2( Experimental Method, observational method and survey method) |
|  |  | | Discussion about proposal topic | |  |
| 8 |  | Sampling techniques  Probability and Nonprobability Techniques | | PPT, hands out related articles and web links will be uploaded on MOODLE | | Topic Submission |
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| Proposal Submission | |
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|  |  | Research Report Writing | | PPT, hands out related articles and web links will be uploaded on MOODLE | |  |  |
| 10 |  | Thesis writing styles, Article writing styles (empirical, Review) | | PPT, hands out related articles and web links will be uploaded on MOODLE | |  |  |
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| 11 |  | APA style of writing and its importance | | PPT, hands out related articles and web links will be uploaded on MOODLE | | Ppt for synopsis/proposal |  |
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| 12 |  | Introduction of Qualitative Research | | PPT, hands out related articles and web links for social experiments will be uploaded on MOODLE | | Group Presentation |  |
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| 13 |  |  | | PPT, hands out related articles and web links will be uploaded on MOODLE | | Group Presentation |  |
|  |  | |  | |  |  |
| 14 |  |  | | PPT, hands out related articles and web links will be uploaded on MOODLE | | Final project distribution |  |
| **Revi-**  **Sion** | Revision | |  | |  |  |
| 15 | Final Project | |  |

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**Textbooks, Materials, Supplies, and other Resources**

* Rosnow R. L. & Rosenthal R. (2008). Beginning Behavioral Research: A conceptual Primer. (6th ed.). New Jersey: Pearson Education Ltd.
* American Psychological Association (2009). *The Publication Manual of the*

*American Psychological Association* (6th ed.). Washington, DC: APA.

* Pallant, J. (2005). *SPSS Survival Manual: a step by step guide to data analysis using SPSS version 12.* (2nd ed.). United Kingdom: McGraw Hill, Open University Press. (or its latest edition).
* Howitt, D., & Cramer, D. (2011).Introduction to research methods in psychology (3rd ed.). London : Pearson.

**Course Requirements:**

Students are required to attend all online/in person lectures and do relevant readings. They are also required to watch online videos as instructed. Related empirical articles will also encouraged to read and discuss in class as per schedule.

**Due Dates**

All assignments, activities and quizzes must be completed on due date and time posted for the respective activity / assessment on Moodle. In case of any limitation (internet), inform prior to the deadline.

**Participation:** you will earn participation points by completing the task assigned at the end of each online/in person class. Late submission will result in ‘no point’ on participation.

**Quizzes:** There will be **two** quizzes in this course. The quizzes will consist of either MCQ’s or short answer question or both.

**Research Proposal:** You need to develop and submit research proposal for this course. The aproposal will help you to polish your critical thinking, creativity and writing skills. Late submissions will lead to deductions in your points. Familiarize yourself to the APA style (7th edition) and follow it thoroughly while writing your assignments.

**Poster Presentation**

You have to prepare a ppt or develop a research poster to elaborate your research proposal for presentation. It will be a group presentation.

**Final Project:** One final project for this course will be given instead of written exams. The project will help you to polish your research and literature review skills, critical thinking, creativity and writing skills. Late submissions will lead to deductions in your points.

**Academic Honesty and Plagiarism:** Academic dishonesty and/ or plagiarism is strongly discouraged and will result in zero points (grade F) and may lead to further disciplinary action\*. Other university sanctions may also apply. Your work on this course should be a representation of your ideas and understanding.

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| **Grading Areas** |  | **%age** |
| Class Participation and Attendance |  | 10% |
| Quizzes |  | 20% |
| Research Proposal |  | 25% |
| Group Presentation/ Poster presentation |  | 10% |
| Final Project/ Exams |  | 35% |
| Total |  | 100% |

**Changes to Syllabus:** Please make a note that in case of any circumstantial hazard the instructor reserves the right to modify the procedures, policies, and course outline mentioned in this document. The changes will be announced by the instructor well before time.

**Grading Legend**

Below is the grading legend of FCCU (published in all catalogues and available on the FCCU website) as approved by the Academic Council

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| **Grade** | **Point Value** | **Numerical Value** | **Meaning** |
| A | 4.00 | 93-100 | Superior |
| A- | 3.70 | 90-92 |
| B+ | 3.30 | 87-89 | Good |
| B | 3.00 | 83-86 |
| B- | 2.70 | 80-82 |
| C+ | 2.30 | 77-79 | Satisfactory |
| C | 2.00 | 73-76 |
| C- | 1.70 | 70-72 |
| D+ | 1.30 | 67-69 | Passing |
| D | 1.00 | 60-66 |
| F | 0.00 | 59 or below | Failing |

**Some Basic Guidelines for Video Conference / Online Sessions(if Applied)**

* It is recommended to log in at least 10 minutes before the start of the session to do the necessary checks, specifically for students
* Video conferencing is a new communication platform. There are bound to be technical glitches; be patient during the session.
* Be sure to name yourself for your slot on the screen. It will make it easy to get a report of the students’ attendance (for a paid account in Zoom). If your slot carries a different name, to rename click 3 dots near your video window OR in the participants’ list, hover over your name, and click “rename” to make the change
* Please stay muted when not speaking and ask questions in the chat.
* If you face a bandwidth issue, please turn off your video.
* If allowed to speak, be mindful of your tone and expressions during the session. This is not an anonymous session. Your voice and video are viewed by all who are participating in the session
* Remember you are on camera and live. The advantage of video conferencing is that you can take advantage of facial expressions, inflection, and tone of voice.
* Remember to think before you respond to make your thoughts and ideas clear and coherent to the other participants.
* Please be mindful of the time, keep your contributions brief and to the point
* Allow other participants/students time and opportunities to contribute to the discussion and share their ideas with the group.
* Be respectful of others’ opinion
* If the session is recorded do not post isolated comments that may be taken out of context.
* For Break out rooms:
  + If you end up in a breakout room alone (or something goes wrong), don’t panic, just click “Leave breakout room” and you will return to the main room where the host will guide you
  + If you click ‘Ask for Help’, it will notify the meeting host that you need assistance, and they will be asked to join your breakout room. Click ‘Ask for Help’ in the meeting controls. Confirm that you would like assistance by clicking Invite Host

**Some Useful Recourses for Students**

**Student Support Services**

[Student Counseling Services](https://www.fccollege.edu.pk/ccc/campus-counseling-center/).Students can contact the [Campus Counseling Center](https://www.fccollege.edu.pk/ccc/campus-counseling-center/) at 0331-444-1518 or email [ccc@fccollege.edu.pk](mailto:ccc@fccollege.edu.pk).

[Writing Center](https://www.fccollege.edu.pk/faculty-of-humanities/writing-center/)

[Mercy Health Center](https://www.fccollege.edu.pk/mercy-health-center/)

**Other Useful FCCU Policy Documents:**

[Sexual Harassment Policy](https://www.fccollege.edu.pk/wp-content/uploads/2018/05/Doc1.pdf)

[Anti-Corruption Policy](https://www.fccollege.edu.pk/wp-content/uploads/2018/05/Anti-corruption.pdf)

[Academic integrity](https://www.fccollege.edu.pk/policy-on-academic-integrity/)

[Plagiarism Policy](https://www.fccollege.edu.pk/wp-content/uploads/2018/05/FCCU-Plagiarism-Policy.pdf)

[Academic Calendar](https://www.fccollege.edu.pk/academic-calendar/)