

University of Management and Technology

Course Outline

Course code CP 630

Course title: Research Methods

Program	MS Clinical Psychology
Credit Hours	3 CH
Duration	15 Weeks
Prerequisites	Foundations of Research
Resource Person	Ayesha Jabeen
Counseling Timing (Room#)	12:00pm to 4:00pm
Contact	ayesha.jabeen@umt.edu.pk

Chairman/Director signature.....

Dean's signature.....

Date.....

Learning Objective:

- Comprehend the basic essentials of clinical research
- Able to understand the individual and cultural differences influence research outcome
- Describe different steps involved in the process of Clinical Research.
- Comprehend the nature, advantages and limitations of the main research design
- Appraise the need for having ethical principles guiding research.
- Understand the procedural issues involved in collecting and collating data in clinical research.
- Learn how to develop, organize and undertake a research project
- Understand the procedural issues involved in collecting and collating data in clinical research.
- Explaining and practicing the format of writing proposal and research reports

Learning Methodology:

Teaching this course will be only part time dyadic and mainly practice and skills oriented. It will include lectures on theoretical issues and regular workshops for effective learning. Teaching would be more discussion oriented, so that trainees become reflective practitioners rather than mere recipients of knowledge. Trainees will be required to give class presentations. Students will be required to submit written reports on regular basis. Trainees will also be required to give demonstrations of different research scenario and subsequent statistical analysis on SPSS. Teachers will provide handouts and relevant reading material on regular basis.

Grade Evaluation Criteria

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

Marks Evaluation percentage	Marks in
Quizzes	10%
Assignments	20%
Mid Term	
Attendance & Class Participation	10%
Term Project	20%
Presentations	20%
Final exam	20%
Total	100%

Recommended Text Books:

1. Aiken, L.A. (1996). *Rating scales & checklists: Evaluation behaviour, personality and attitudes*. New York: John Wiley & Sons
2. Anastasi, A. and Urbina, S. (1997). *Psychological Testing (7th ed.)*. Singapore: Pearson education, Inc.

Reference Books:

1. Kumar, R. (2011). *Research methodology: A step-by-step guide for beginners*. Los Angeles: SAGE.
2. Guilford, J.P. and Fruchter, B. (1978). *Fundamental statistics in psychology and education (6th international student edition)*. Kogakusha: McGraw-Hill
3. Kirkpatrick, L.A. and Feeney, B.C. (2003). *A simple guide to SPSS for Windows for Versions 8.0, 9.0, 10.0 & 12.0 (Rev. ed.)*. Canada: Wadsworth

Calendar of Course contents to be covered during semester

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Week	Course Contents	Reference Chapter(s)
1	<ul style="list-style-type: none"> • Definition and nature of research • Goals of research • Characteristics of a research/ researcher 	Pallant, J. (2005). SPSS survival manual. Open university Press. Chapter 1
2	Why we need to carryout research ??	Pallant, J. (2005). SPSS survival manual. Open university Press. Chapter II
3	<ul style="list-style-type: none"> • Process of research <p>Develop a research title</p> <ul style="list-style-type: none"> ○ Construct a research question ○ Aims and objectives ○ IVs and DVs ○ Construct hypotheses 	Pallant, J. (2005). SPSS survival manual. Open university Press. Chapter II

4	Function of hypothesis	Camer, Duncan., Howitt, Dennis- Understanding statistics in Psychology, 2011
5	Literature Review and Its Function	Pallant, J. (2005). SPSS survival manual. Open university Press. Chapter 15
6	Scale development Theory	Brace, N., Kemp, R., & Snelgar, R. (2006). SPSS for psychologists. London Lawrence Erlbaum Association.
7	Practice of developing a scale How to explore phenomenology	https://www.researchgate.net/publication/310596846 Development_of_Interpersonal_Difficulties_Scale_for_University_Students
8	What is a research Proposal Steps of developing research Proposal	Ranjeet Kumar
9	Presentations	

10	Personations How to present a proposal	
11	Reliability	
12	Validity in research	
13	Research designs Correlation Longitudinal Survey Prevalence	
14	Sampling strategy Sampling and its function	

15	Revision AND Review	
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