

Program	BS (4 Years)	Course Code	APSY-113	Credit Hours	1
Course Title	Practicals in Psychology				
Course Introduction					
<p>This undergraduate psychology course is designed to provide students with knowledge about and hands-on practice with key experiments in psychology that have helped shaped major constructs being studied in psychology. These will include classic practical focusing on memory testing, personality assessment, transfer of training, reaction time, maze learning, size constancy, etc. Students will learn how to plan, conduct, and analyze the experiments and how to communicate the results of their experiments to others. Students will develop the knowledge and skills to apply and critique the scientific method in future researches. This psychology course aims to give a practical overview of behavioral and social science to students and how to use this information for real-world application.</p>					
Learning Outcomes					
<p>On the completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. To familiarize students with main concepts, and methods which can be studied in the laboratory. 2. To understand Psychology as science and empirical methods used for understanding different aspects of human behavior. 					
Course Contents					
<p>Following experiments shall be performed by the students.</p> <ul style="list-style-type: none"> • Color zones of retina • Fluctuation in attention • Muller Lyer illusion • Perceptual grouping • Size constancy • Span of attention • Concept formation • Maze learning • Memory: Function of recitation • Memory: Function of time (savings method) • Memory: Method of serial reproduction • Retroactive and proactive inhibition • Weber's Law • Transfer of training • Object assembling • Point of subjective equality 					
Teaching Learning Strategies					
<ul style="list-style-type: none"> • Assigned supervisor will meet the groups of students and explain them the method to conduct practical and to write report on it according to APA format. 					
Textbooks and Reading Material					
2.1 Books					
<ul style="list-style-type: none"> • Hopwood, C. J., & Waugh, M. H. (2020). <i>Personality assessment paradigms and methods: A collaborative reassessment of Madeline G.</i> Routledge/Taylor & Francis Group. • Verdon, B., & Azoulay, C. (2019). <i>Psychoanalysis and projective methods in personality assessment: The French School.</i> Hogrefe Verlag. 					

- Loftus, G. R., & Loftus, E. F. (2019). *Human memory: The processing of information*. Psychology Press.
- Baddeley, A. (2017). *Exploring working memory: Selected works of Alan Baddeley*. Routledge

2.2 Journal Articles/ Reports

- Piotrowski, C. (2017). The linchpin on the future of projective techniques: The precarious status of personality assessment in the (overcrowded) professional psychology curriculum. *Journal of Projective Psychology and Mental Health*, 24, 71-73.
- Piotrowski, C. (2017). The utility of projective techniques in pain assessment: An historical review. *Journal of the Indian Academy of Applied Psychology*, 43(2), 189-197.
- Lucon-Xiccato, T., & Bisazza, A. (2017). Complex maze learning by fish. *Animal Behaviour*, 125, 69-75.
- Yamada, M., & Sakurai, Y. (2021). *A neural mechanism of observational learning in rats using Barnes maze* (Doctoral dissertation, Doctoral Dissertation Doshisha University 1175).
- van Kesteren, M. T. R., Krabbendam, L., & Meeter, M. (2018). Integrating educational knowledge: reactivation of prior knowledge during educational learning enhances memory integration. *npj Science of Learning*, 3(1), 1-8.
- Pollock, L. (2018). Statistical and methodological problems with concreteness and other semantic variables: A list memory experiment case study. *Behavior Research Methods*, 50(3), 1198-1216.
- Grossman, R., & Burke-Smalley, L. A. (2018). Context-dependent accountability strategies to improve the transfer of training: A proposed theoretical model and research propositions. *Human Resource Management Review*, 28(2), 234-247.

Note: It is preferable to use latest available editions of books.

Assignments: Types and Number with Calendar

- Submission of test reports and class presentations

Assessment

• Each student will prepare a practical report and assessment and evaluation will be carried out by an external examiner on the basis of practical report and viva voce