

CPSY – 221

PSYCHOLOGICAL TESTING (Theory)

Credit Hour: 3 (2+1)

Type: Major

Course Objectives

The objective of this course is to provide students with knowledge about test construction, types and purpose of psychological testing, psychometric properties of psychological tests and to enable students to understand administration, scoring and interpretation of psychological tests

Course Contents

- **Psychological Test**
Definition and nature of psychological test
Uses and types of psychological test
- **Characteristics of a Test**
Reliability
Validity
Test Norms
- **Test Construction and Standardization**
Different taxonomies of test development
Types of items
General guidelines for writing items
Item writing and item analysis
Approaches of item writing
Types of item analysis
Item difficulty index, item discrimination index
- **Types of Testing**
Ability testing
Intelligence testing
Aptitude tests
Personality Testing
Objective Personality Testing
Projective Techniques
Neuropsychological Testing

- **Application of Testing**

Testing in Clinical Settings

Testing in Counseling settings

Testing in Educational Settings

Testing in Organizational Settings

Group vs. individual tests

Learning Outcomes

At the completion of this course the students will be able to demonstrate theoretical and practical knowledge of psychological testing and test construction and to administer, score and interpret results of different psychological tests

Teaching-learning Strategies

Use of multimedia/slides

Assignments

Handouts

Group discussions

Presentations

Quiz

Assignments

The assignment will be given about history of psychological testing and scaling procedures. One assignment and quiz will be given to the students.

The quiz will be taken before mid-term examination while assignment will be taken after mid-term examination.

Recommended Books

Aiken, L. R. & Groth-Marnat, G. (2006). *Psychological testing and assessment*. UK: Allyn & Bacon, Inc

Anastasi, A. (2010). *Psychological testing*. (7th ed.). New Delhi: PHI Learning.

Cohen, R. J., & Swerdlik, M. E. (2017). *Psychological testing and assessment (9th ed.)*. McGraw-Hill Education.

DeGregorio, R.A. (2007). *New developments in psychological testing*. New York: Nova Publishers

Domino, G. & Domino, M.L. (2006). *Psychological testing: An introduction*. (2nd ed.). UK: Cambridge University Press.

Edward, S. N. & Fawcett, C. R. (2010). *Essentials of testing & assessment*. USA: Brooks Cole