

COURSE TITLE: PSYCHOMETRIC ASSESSMENT

COURSE CODE: GC 1103

HOURS TAUGHT: 3 hrs per week

PREREQUISITES: None

PURPOSE OF COURSE

In this course shall examine the principles of underlying the construction and use of psychological tests. The course will also examine and critically evaluate a variety of tests that assess intelligence, achievement, aptitude, personality and psychopathology issues and controversies associated with psychological testing will be also be covered.

EXPECTED LEARNING OUTCOMES

By the end of the course unit, students should be able to;

- Identify developmental problems for which the client may need special attention.
- Explain the over all personality functioning and the need for psychotherapy
- Demonstrate problem solving techniques.
- Solve social problems.

COURSE CONTENT

- History of psychological testing
- Defining and measuring psychological attributes
- Types of psychological tests
- Reliability, validity
- Test construction
- Test takers, test users
- Test bias
- Measurement and statistics
- Tests and society
- Scales, transformations and norms
- Issues in testing

History of testing

Defining psychological testing

Types of Psychological tests

- Individual tests
- Achievement
- Intelligence
- Personality
- Neural – Psychological tests
- Aptitude tests
- Inventory
- Direct observation tests
- Ability tests
- Sexuality tests

Importance of tests

Psychometric properties of tests

- Test validity
- Test reliability

Test bias

- Performance bias
- Halo bias
- Content bias

Measurement of statistics

- Measures of central tendency
- Measure of variability
- Advantages and disadvantages

Nominal, ordinal, interval , ratio.

- Tests and society
- Responsibilities of test users
- Responsibilities of test takers

Ethical considerations in testing

INSTRUCTIONAL MATERIALS AND / OR EQUIPMENT

- Whiteboard and Markers
- Flip Charts
- LCD Projectors
- CDs, DVDs and Tapes

COURSE ASSESSMENT

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| • Continuous assessment tests | 20% |
| • Group and individual project (course work) | 20% |
| • End-of-Semester Examination | 60% |

Total	100%
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READING MATERIALS /LISTS

Murphy, K. R and David Shofer, C. O (2005) Psychological testing; principles and applications, 6th edition upper saddle river, NJ; prentice hall

Jackson DN.(1971), The Dynamics of Structured Personality tests; Psychological review; 78, 2229 – 248

Helmes, E. and Reddon, J. R (1993) A perspective on developments in assessing psychopathology. A Critical review of MMP and MMP 1 – 2, Psychological Bulletin, 113 (3), 453 – 471.