



Code	Subject Title	Cr. Hrs	Semester
EDU-307	Test Development and Evaluation	3	VI
Year	Discipline		
3	Education (Secondary)		

Course Description

This course is designed to develop prospective teachers towards adequate knowledge of the concept of evaluation and test construction during the course. The teacher will develop skills to construct classroom based tests to evaluate students learning outcomes. The learner will also be able to report the result to different stake holders in a professional manner.

Learning outcomes

After the end of the course the prospective teachers will be able to:

- Understand the concept of evaluation and testing
- Determine the qualities of a good test.
- Plan and construct appropriate classroom test to evaluate student’s performance.
- Make report of the test results to different stake holders.

Course contents

Unit 01: Test, testing and evaluation

- 1.1 Meaning of test, testing and evaluation.
- 1.2 Purpose, Principles and scope of test and evaluation.
- 1.3 School Evaluation program.

Unit 02: Types of Evaluation

- 2.1 Placement Evaluation
- 2.2 Diagnostic Evaluation
- 2.3 Formative Evaluation
- 2.4 Summative Evaluation

Unit 03: Types of test

- 3.1 Essay type test
- 3.2 Objective type test
 - 3.2.1 Recognition type items
 - 3.2.2 Recall type items
- 3.3 Verbal tests

Unit 04: Test Construction

- 4.1 Planning the test
- 4.2 Preparing the test items
- 4.3 Assembling the test

Unit 05: Test Administration and analysis

- 5.1 Administration/conducting the test
- 5.2 Item analysis and modification

Unit 06 Qualities of a good test

- 6.1 Reliability
- 6.2 Validity
- 6.3 Adequacy
- 6.4 Objectivity
- 6.5 Differentiability

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Unit 07: Interpretation of test scores

7.1 Percentage

7.2 Ordering and ranking

7.3 Frequency Distribution

7.4 Measure central tendency (Mean, Median and mode)

7.5 Pictorial forms (Graph, polygon, histogram)

Unit 08: Reporting the test results to:

8.1 Students

8.2 Parents

8.3 Administration

Unit 09: Counseling of students after reporting the results

Recommended Books:

- Ebel, Robert (2004). Essentials of Educational Measurement. India: Prentice hall.
 - Freeman, Richard, (2004). Planning and Implementing Assessment. New York: Routledge Flamer.
 - Georg, David (2003). Trends in Measurement and Evaluation Techniques. New Delhi: Commonwealth.
 - James William (2005). Evaluation and Development of School Educations. New Delhi: Anmol Publications.
 - Kubiszyn, Tom, (2003). Educational testing and Measurement: Classroom Application and Practice. United States: John Wiley & sons, Inc.
 - Smith, D, (2005). Theory of Educational Measurement. New Delhi: Commonwealth.
 - Smith, D. (2005). History of Measurement and Evaluation. New Delhi: Commonwealth.
 - Smith, D., (2005). Methods of Educational Measurement, New Delhi: Commonwealth.
 - Swain, Sanjaya, (2005). Educational Measurement, Statistics and Guidance. Kalyani Publications.
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