

COURSE OUTLINE

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| Department & Faculty: Department of Education Foundation, Faculty of Education | | Page 1 of 4 | |
| Subject & Code: Introduction to Measurement and Evaluation / MPF 1213 | | Semester: II Academic Session: 2008/2009 | |
| Total Lecture Hours: 42 hours (3 hours per week) | | | |
| <div style="margin-bottom: 10px;"> Lecturer : Dr. Zainudin Abu Bakar, Dr. Bambang Sumintono </div> <div style="margin-bottom: 10px;"> Room No. : C14-331, C13-318 Tel. No. : 07-5534414, 07-5534283 </div> <div style="margin-bottom: 10px;"> Synopsis : In this course, discussions are related to introduce students to those elements of measurement and assessment that are essential to good teaching. The main theme throughout this course is that assessment of learning plays an important role in the instructional process and that its effectiveness depends largely on the ability to construct and select tests and assessments that provide valid measures of learning outcomes. </div> <div> Learning Outcomes : By the end of the course, students should be able to: </div> | | | |
| | Course Learning Outcome | Programme Learning Outcome(s) Addressed | Assessment Methods |
| 1 | Define the roles of measurement and assessment in the instructional process | PO1 | ASNMT,H, F |
| 2 | Identify instructional goals and objectives in way that facilitate the construction of appropriate tests and assessments | PO1, LO4 | ASNMT, F |
| 3 | Integrate the concepts of validity and reliability and their role in the construction, selection, interpretation, and use of tests and assessments | PO2, LO1 | ASMNT PR |
| 4 | To construct classroom tests and assessments that measure a variety of learning outcomes | PO3 | |
| 5 | To interpret test and assessment result properly | PO4 | ASNMT, F |
| | | | PR – project; ASNMT–assignment, F – Final Exam) |
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| Prepared by: Name: Dr. Zainudin Abu Bakar, Dr. Bambang Sumintono Signature: Date: | | Certified by: Name: Signature: Date: | |

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| <p>Student Learning Time</p> <table border="1"> <thead> <tr> <th>Teaching and Learning Activities</th> <th>Student Learning Time (hours)</th> </tr> </thead> <tbody> <tr> <td>1. Lecture</td> <td>42</td> </tr> <tr> <td>2. Independent Study <ul style="list-style-type: none"> - self learning - information search - library search - reading - group discussion </td> <td>30</td> </tr> <tr> <td>3. Assignment (3x) <ul style="list-style-type: none"> - information search - library search - group discussion - presentation </td> <td>15</td> </tr> <tr> <td>4. Project (2x) <ul style="list-style-type: none"> - information search - library search - group discussion - report writing </td> <td>30</td> </tr> <tr> <td>5. Exam (1x)</td> <td>3</td> </tr> <tr> <td>TOTAL</td> <td>120</td> </tr> </tbody> </table> <p>Teaching Methods</p> <p>Lectures based on power point presentations, reading assignment, calculating from research sample problems, group learning activities such as discussions, problem solving exercises, and group assignments</p> | | Teaching and Learning Activities | Student Learning Time (hours) | 1. Lecture | 42 | 2. Independent Study <ul style="list-style-type: none"> - self learning - information search - library search - reading - group discussion | 30 | 3. Assignment (3x) <ul style="list-style-type: none"> - information search - library search - group discussion - presentation | 15 | 4. Project (2x) <ul style="list-style-type: none"> - information search - library search - group discussion - report writing | 30 | 5. Exam (1x) | 3 | TOTAL | 120 |
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| Total Lecture Hours: 42 hours (3 hours per week) | |
| <p>Week 1 : The role of Measurement and assessment in teaching.</p> <p>Week 2 : instructional goals and objectives</p> <p>Week 3 : validity and reliability</p> <p>Week 4 : classroom tests and assessments</p> <p>Week 5 : Measuring complex achievement.</p> <p>Week 6 : Constructing Objectives Test Items</p> <p>Week 7 : Assessment Procedures</p> <p>Week 8 : Mid-Semester Break</p> <p>Week 9 : Assembling, administering and appraising classroom test and assessments</p> <p>Week 10 : Marking and reporting</p> <p>Week 11 : Achievement test</p> <p>Week 12 : Aptitude Test</p> <p>Week 13 : Interpreting Test Scores and Norms</p> <p>Week 14 : Current Issues in Testing and Assessment</p> <p>Week 15 : Revision week</p> | |
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| Total Lecture Hours: 42 hours (3 hours per week) | | | | | | | | | | | | | |
| <p>Course Notes Lecture notes in power point slides uploaded in e-learning.</p> <p>References</p> <p>Linn, Robert L (1995), Measurement and assessment in teaching, Upper Saddle River : Prentice Hall.</p> <p>W James Popham (1990), Modern educational measurement : a practitioner's perspective, Englewood Cliffs, N J : Prentice-Hall.</p> <p>Grant Wiggins (1998), Educative assessment : designing assessments to inform and improve student performance. San Francisco, Calif. : Jossey-Bass.</p> <p>E.C. Wragg (2001), Assessment and learning in the primary school. London : RoutledgeFalmer</p> <p>Don F Blood, William C Budd (1972), Educational measurement and evaluation. New York : Harper & Row</p> | | | | | | | | | | | | | |
| <u>ASSESSMENT:</u> | | | | | | | | | | | | | |
| No | | Quantity | % each | % total | Dates | | | | | | | | |
| 1 | Assignment | 3 | 10% | 30% | Week 7 | | | | | | | | |
| 2 | Project | 2 | 20% | 40% | Week 10 | | | | | | | | |
| 3 | Final Exam | 1 | 30% | 30% | | | | | | | | | |
| Overall Total | | | | 100% | | | | | | | | | |
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