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| **COURSE SPECIFICATION TABLE** |
| **DEPARTMENT & FACULTY: Department of Education Foundation and Social Science Faculty of Education UTM** |
| **COURSE & CODE: Introduction to Scaling & Instrumentation [MPPR 1333]**  **SEMESTER : 1**  **SESSION : 2015/2016** |
| **PREPARED BY :**  **NAME : Dr. Rohaya Talib**  **DATE : September 2015** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CONTENT** | **FINAL EXAM (40%)** | | | | | | **ASSIGNMENT (60%)** | | | | | | | | | | | | | | | | | | **TOTAL** | | |
| **OBJECTIVE/**  **STUCTURED** | | | **ESSAY(40%)** | | | **QUIZ 1 (10%) PO1** | | | **MINDMAP (10%) PO1** | | | **QUIZ 2**  **(10%) PO2** | | | **PROJECT**  **REPORT WRITING**  **(20%) PO2** | | | **SOFTSKILL**  **PRESENTATION (5%) PO3** | | | **SOFTSKILL**  **LIFE LONG LEARNING (5%) po7** | | |
| **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** | **K** | **A** | **P** |
| SCALING AND INSTRUMENTATION |  |  |  |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| MEASUREMENT DATA |  |  |  | / |  |  | / |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |
| TYPES OF SCALES |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| INSTRUMENTATION PLAN |  |  |  |  |  |  | / |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
| INSTRUMENT DEVELOPMENT PROCESS |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |  |  |  |  | 1 |  | 1 |
| INSTRUMENT CONCEPTUALIZATION |  |  |  |  |  |  |  |  |  |  |  |  | / |  |  |  |  |  |  |  |  | / |  | / | 2 |  | 1 |
| ITEM CONSTRUCTION |  |  |  |  |  |  |  |  |  |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| PILOT TEST |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| ESTABLISH VALIDITY & RELIABILITY |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| RASCH MEASUREMENT (INPUT, ANALYSIS & INTERPRETATION) |  |  |  | / |  |  |  |  |  |  |  |  |  |  |  |  |  |  | / | / |  | / |  |  | 2 | 1 |  |
| TOTAL |  |  |  | **6** |  |  | **3** |  |  | **2** |  |  | **2** |  |  |  | **1** |  | **1** |  |  | **2** |  | **1** | **15** | **1** | **2** |

Notes :

*K–Knowledge*

*A-Affective*

*P-Psychomotor*