Administrative Unit: Education Department

Course Prefix and Number: EDUC 322

Course Title: Educational Measurement and Assessment

Number of Credit Hours: 2
Lecture Hours: 2
Laboratory Hours: 0

Catalog Description: The study of methods used to develop educational measurements, and the procedures used to globally assess student achievement. Included in the program of study are the development and use of standardized assessments, structured and constructed assessments, observational methods, performance assessment, portfolio assessment, affective measures, and special needs measures. Included also are the historical study of psychometry, the concepts of validity and reliability, referencing methods, and evaluation and reporting methods. Prerequisites: EDUC 230 and 101, and admission to Teacher Certification Program. Offered Fall semester.

Prerequisite(s)/Corequisite(s): EDUC 230 and 101, and admission to Teacher Certification Program.

Technology Requirements: An educational technology application is required.

DESE Quality Indicators Targeted: 1, 2, 3, 4, 7, 8, 11


Course Objectives:
• To compare and contrast the traditional and authentic assessment paradigms.
• To define and apply the concepts of validity and reliability of instruments used for measurement and assessment.
• To define and evaluate portfolios and performance assessments and their uses.
• To identify social skills and areas of the affective domain that can be assessed by classroom teachers.

Topical Outline (major areas of coverage):
• Motivation and Testing
• Developing a Framework/Authentic Assessment
• Reliability, Validity and absence of bias
• Quality Assurance
• Selected response tests and constructed response tests
• Assessing the knowledge base
• Assessing what learners can do
• Assessing problem-solving strategies
• Assessing deep understanding
• Performance assessment
• Portfolio assessment
• Affective assessment and assessing collaborative skills
• Teacher made test
• Standardized test
• Appropriate practice and grading
• Assessing Special Needs

Recommended maximum class size for this course: 25

Library Resources: Online databases are available at [http://www.ccis.edu/offices/library/resources.asp](http://www.ccis.edu/offices/library/resources.asp). You may access them from off-campus using your services login and password when prompted.

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Date: December 28, 2004

NOTE: The intention of the master syllabus is to provide an outline of the contents of this course, as specified by the faculty of Columbia College, regardless of who teaches the course, when it is taught or where it is taught. Faculty members teaching this course for Columbia College are expected to facilitate learning pursuant to the course objectives and cover the subjects listed in the topical outline. However, instructors are also encouraged to cover additional topics of interest so long as those topics are relevant to the course’s subject. The master syllabus is, therefore, prescriptive in nature but also allows for a diversity of individual approaches to course material.

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