

Texas A&M University- San Antonio  
Department of Educator and Leadership Preparation  
**EDSE 5374 - Educational and Psychological Measurement and Evaluation**

**A. MAJOR COURSE DESCRIPTION/REQUIREMENT**

Diagnostic and instructional assessment of individuals with disabilities for collaborative education decision-making. Selection and administration of measures for comprehensive evaluation of individuals within their environments. A minimum of 15 hours of field experience is required.

**B. LEARNING OBJECTIVES**

Upon completion of this course, the student will:

1. Understand and apply knowledge of the purpose, philosophy, and legal foundations of evaluation.
2. Understand and apply knowledge of ethical and professional practices, roles and responsibilities.
3. Demonstrate knowledge and skills using descriptive statistics, reliability, validity and norm-referenced testing as it applies to assessment in special education.
4. Identify eligibility criteria and procedures for identifying students with disabilities.
5. Demonstrate skills in collection, maintenance, and dissemination of evaluation records, including collaboration among stakeholders.
6. Demonstrate skills in selection, administration, and interpretation of individual standardized tests and informal assessments.
7. Use evaluation data for instructional decision-making and individual program planning.
8. Review the essentials of cross battery assessments and their effective integration into evaluation reports.
9. Discuss key issues regarding ethnic, cultural, and linguistic differences among students and its relevancy to the assessment process.
10. Demonstrate skills necessary for scheduling, time management, organization, and professional advancement.

**C. LECTURE OR DISCUSSION TOPICS**

- Foundations, Methods and Testing Considerations
- Statistical Concepts and Scoring Terminology
- Multidisciplinary Teams and Evaluation Standards
- Assessment of Intelligence and Behavior
- Assessment of Academic Achievement
- Assessment of Perceptual Abilities and Speech/Language
- Early Childhood and Bilingual Assessment
- Disability and Eligibility
- Comprehensive Report, XBA, and IEP
- Evaluator Roles and Certification

**D. REQUIRED OR RECOMMENDED READINGS**

Pierangelo, R., & Giuliani, G. A. (2017). *Assessment in Special Education: A Practical Approach* (5th ed.). Upper Saddle River, NJ: Pearson Education Inc.

Sattler, J. M. (2024). *Assessment of children: Cognitive foundations and applications: (7<sup>th</sup> ed.)*. Jerome M. Sattler Publishing Ltd.

Flanagan, D. P., Ortiz, S. O., & Alfonso, V. C. (2013). *Essentials of Cross-Battery Assessment* (3<sup>rd</sup> ed.). New York: John Wiley & Sons.

Other materials and relevant articles will be posted on Blackboard.