

**University of Arkansas - Fort Smith**  
**5210 Grand Avenue**  
**P. O. Box 3649**  
**Fort Smith, AR 72913-3649**  
**479-788-7000**

## **General Syllabus**

### **PSYC 4613 Psychological Tests and Measurements**

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisites: PSYC 1163 General Psychology and STAT 2503 Probability and Statistics I

Effective Catalog: 2019-2020

#### **I. Course Information**

##### **A. Catalog Description**

Introduction to principles of psychological testing and measurement, including reliability, validity and test construction. Surveys major measures of intellectual ability, cognitive performance, and personality. Ethical and cultural issues in development and use of psychological tests are examined.

##### **B. Additional Information**

This course is an elective course for a Bachelor of Arts in Liberal Arts degree with a Major in Psychology. It may be taken as an elective for students with a minor in psychology.

#### **II. Student Learning Outcomes**

##### **A. Subject Matter**

Upon successful completion of this course, the student will be able to:

1. Discuss the history, paradigms and methods relevant to the study of psychological testing and measurement.
2. Explain cultural and legal/ethical issues which pertain to the use of assessment instruments.
3. Apply basic statistical operations and assumptions incorporated within the test development process and in their application to the measurement of knowledge, skills, and abilities.
4. Describe theories and issues related to the measurement of intelligence and the operation of specific tests, which assess the intellectual abilities of children and adults.
5. Evaluate theories and issues related to the measurement of personality including an overview of objective, projective and behavioral assessment methods.

6. Appraise and understand the use of assessment in applied areas of psychology including clinical settings, neuropsychological examinations, disability evaluations, career counseling, and employee selection.

### **B. University Learning Outcomes**

This course enhances student abilities in the following areas:

#### **Communication Skills (written and oral)**

Students will communicate effectively with a variety of audiences in any setting.

#### **Analytical Skills**

#### **Critical Thinking Skills**

Students will draw conclusions and solve problems.

#### **Global and Cultural Perspectives**

Students will reflect upon cultural differences and their implications for interacting with people from cultures other than their own.

### **III. Major Course Topics**

- A. Culture and assessment
- B. Legal and ethical considerations
- C. Descriptive statistics and psychometrics
- D. Reliability
- E. Validity
- F. Test development
- G. Measurement of intelligence and achievement
- H. Personality assessment
- I. Clinical Assessment
- J. Neuropsychological Assessment
- K. Assessment in career choice and employee selection