

# Minnesota State University Moorhead

## PE 474: Tests and Measurements in Physical Education

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course deals with the theory of measurement in physical education, the selection and administration of appropriate tests, and the interpretation of results by fundamental statistical procedures. Students should have Junior status prior to enrolling in this course.

**B. COURSE EFFECTIVE DATES:** 06/01/1995 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. Be able to explain the purpose for assessments, administer lead up developmentally appropriate activities to aid in understanding assessments and administer assessments to youth in a reliable and valid manner.
2. Be able to explain the purpose for fitness assessments, administer lead up developmentally appropriate activities to aid in understanding fitness assessments and administer fitness assessments to youth in a reliable and valid manner.
3. Be able to explain the purpose for skill related assessments, administer lead up practice activities for skill related components, and assess skill related components.
4. Define and differentiate among the cognitive, affective, and psychomotor domains as they relate to human performance.
5. Define and differentiate between criterion and nor- referenced tests.
6. Define and differentiate between formative and summative assessments.
7. Define and differentiate between test, measurement and evaluation.
8. Define and discuss alternative and authentic assessment methods.
9. Develop and analysis curriculum.
10. Discuss and participate in the various fitness assessments utilized in physical education classes.
11. Discuss the new youth physical activity recommendations and the status of youth fitness in the United States.
12. Identify and define components of health-related physical fitness and identify various health-related physical fitness assessments for various populations.
13. Identify, understand and apply NASPE's National Standards for Physical Education (content, performance standards, and benchmarks).
14. Plan, construct, score, administer, and analyze various assessments.
15. Select the components for inclusion in grading.
16. Understand the use and applications of technology in evaluating and measuring human performance (fitness assessments, pedometers, activity watches heart rate monitors, etc.).
17. Use a variety of media and educational technology to enrich learning opportunities. (BOT technology standards).
18. Use technology resources to collect and analyze data, interpret results, and communicate findings to improve instructional practice and maximize student learning. (BOT technology standards).

#### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted