

## **MSPE Course Descriptions**

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### **PE 501—Research Methods (3 hours)**

*Selected studies in the physical education literature related to methods, materials, techniques, and planning of research studies used and conducted by the profession. (To be taken in first term of enrollment)*

### **PE 503—Motor Learning (3 hours)**

*Theories and principles of learning as they apply to the acquisition of gross motor skills. Emphasizes the interpretation and practical application of experimental data.*

### **PE 504—Advanced Exercise Physiology (3 hours)**

*Application of physiological principles of motor activity. Emphasis on improving instructional practices.*

### **PE 505—Curriculum in Physical Education (3 hours)**

*Principles, procedures, and criteria for curriculum construction and revision, course building, and lesson planning.*

### **PE 515—Assessment (3 hours)**

*Focusing on assessment tools utilized to measure motor development, fitness, motor skills, etc.*

### **PE 520—Teaching Strategies in Physical Education (3 hours)**

*Study and application of teaching strategies utilized in the elementary and secondary physical education setting.*

### **PE 530—Independent Investigations (3 hours)**

*Research problems or projects in the organizational, administrative, or supervisory areas of physical education.*

### **LME 535—Survey of Educational Technology Practices (3 hours)**

*Focus on instructional design and communication models appropriate to effective utilization of multimedia for instruction and training. Application of various multimedia to design, produce, and evaluate instructional/training projects.*

### **PSY 510—Psychology of Learning (3 hours)**

*Application of psychological and developmental theories to teaching and learning. Examination of cognitive, social, and moral development, learner diversity, learning theories, motivation, effective classroom management, productive instructional practices, and assessment.*

### **EDFN 576—Issues and trends in Education (3 hours)**

*Selected issues and problems in contemporary society, their impact upon the educational system, and the possible role of the educational system in resolving such problems.*

### **EDU 501—Seminar: Designing Professional Development Plan (1 hour)**

*A study of relevant professional standards and the applicability of those standards to a formal professional development plan and portfolio development.*

### **EDU 596—Seminar: Evaluation of Professional Development Plan (2 hours)**