I. **Course Description:**

This course introduces the student to the factors influencing the changes in the development and learning of motor skills from infancy – Grade 4. Practical laboratory activities are utilized to illustrate basic concepts of motor development and motor learning.

II. **Course Objectives: Upon completion of this course the student will:**

1. Apply principles of motor development and motor learning to the planning and teaching of motor skills
2. Apply knowledge of child’s growth and maturation to teaching and learning.
3. Analyze relationships among growth, biological maturation, and physiological changes in motor skill development.
4. Demonstrate the ability to observe and assess a variety of fundamental movement patterns.
5. Understand the use of a variety of different developmental sequence checklists for assessing motor development.
6. Know the developmental sequence of a variety of specialized movement skills.
7. Use assessment tools, specialized equipment and technology as a means of investigating and analyzing motor development and motor learning concepts.

III. **General Course Outline and Schedule:**

The general course outline is a tentative outline with the intent to give students an idea of what material will be covered during the class and is subject to change.

**Week 1:**

- Prenatal and Infant Growth
  - Nutritional and chemical factors
  - Primitive, Postural, Rhythmic reflexes

**Week 2:**

- Early Childhood Motor Behavior
  - Physical Development
  - Developmental sequences of fundamental movements
  - Developmental differences
  - Fundamental stability, loco motor, manipulative movement
Week 3:
Assessing Motor Development and Implementing a Program for Early Childhood
  ▪ Lab – Implement Lesson Plans

Week 4:
Later Childhood Motor Behavior
  ▪ Physical development
  ▪ Developmental sequence of fundamental movements
  ▪ Developmental differences
  ▪ Fundamental stability, loco motor, manipulative movements

Week 5:
Assessing Motor Development and Implementing a Program for Later Childhood
  ▪ Lab - Implement Lesson Plans

Week 6:
Specialized Movement Abilities
  ▪ Skill analysis
  ▪ Physical activity and socialization

Week 7:
Exam
Conclusion

IV. Course Requirements and Grading

Exam (1)  15%
Lesson Plans  20%
Labs/Implementing Lesson Plans  25%
Attendance  40%

*You are expected to attend every class and be an active participant in all aspects of this course. This includes attendance, discussions, and involvement in all group/individual projects.