

PED 320 Motor Development

Wintermester 2019

Number of Credits

3

Instructor

Laura A. McHarg, MSOTR/L CBIS

Catalog Description

Combination of a conceptual model or motor performance with principles-to-application learning.

Prerequisite(s): CHS 102; CHS 200.

Required Textbooks/Materials

No text required.

Student Learning Outcomes

Upon successfully completing this course, students will be able to

- demonstrate process of incoming sensory information and subsequent motor output;
- describe open/close loop control and motor programs producing movement;
- demonstrate at least two factors that impact movement control and accuracy;
- describe at least two factors that influence an individual's ability to learn a motor skill;
- describe two effective practice routines to improve a motor skill; and
- demonstrate effective feedback when helping an individual learn a motor skill.

First Week of Materials/Assignments

The following schedule is subject to change:

January 2: Online discussion
Watch two videos
Due: Lab 1

January 3: Online discussion
Due: Lab 2

January 4: Online discussion
Due: Lab 2 Write Up
Test 1

Course Details

Introductory course in motor control, learning, and development. Designed to provide an understanding of theoretical concepts on how humans learn to control movement and become skilled at movements across the life span. Students will learn how to assess a person, environment, and skill and be able to apply theories to instruct or improve the performance of the skill.

Course is focused on hands-on and experience-based learning. Students will participate in lecture, then hands-on activity in class, then on to applying these concepts in lab (often off site from campus in the community). Students must be present in order to succeed in this class. Group work is required and there will be a fast turn-around on assignments as this is a short semester. I do not suggest taking any other courses or working while taking this course.

Grade Breakdown

The point distribution for the course is:

Assignment	Points
Exams (three worth 100 points each)	300
Labs (seven worth 30 points each)	210
Discussions (six worth 15 points each)	90
<i>Total</i>	<i>600</i>

The percentage distribution for the course is:

Letter	Percentage
A	94–100
A-	90–93
B+	87–89
B	84–86
B-	80–83
C+	77–79
C	74–76
C-	70–73
D+	67–69
D	65–66
D-	62–64
F	below 62