

CASPER COLLEGE COURSE SYLLABUS
PEPR 2030 01: Motor Learning

Semester/Year: Fall, 2015

Lecture Hours: 3

Lab Hours: 0

Credit Hours: 3

Class Time: 9:00-9:50

Days: M, W, F

Room: TB 160

Instructor's Name: Michael Moline, MS, ATC

Instructor's Contact

Information: Call or email any time. Leave a message if there is no answer.

Office Phone: 268-2259

Email:

mmoline@caspercollege.edu

Office Hours: M, W: 8:00 am - 9:00 am
M, W, F: 10:00 am- 11:00 am

Course Description: Exploration and explanation of material and methods that underlie the learning and performance of motor skills.

Statement of Prerequisites: None

Goal: The goal of this course is to provide students with an understanding of motor skills and how to utilize this information to appropriately teach motor skills.

Outcomes:

1. Demonstrate effective oral and written communication
2. Use the scientific method
3. Solve problems using critical thinking and creativity
4. Appreciate aesthetic and creative activities
5. Use appropriate technology and information to conduct research
6. Use quantitative analytical skills to evaluate and process numerical data

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

1. Classify Motor Skills using several continuums.
2. Demonstrate an understanding of motor abilities, and complete measurements of motor performance.
3. Identify and describe motor control theories.
4. Demonstrate an understanding of proprioception and vision.
5. Identify and utilize methods for predicting performance.
6. Demonstrate an understanding of the variety of learning types and utilize multiple skill teaching methods.
7. Utilize motor control research to implement evidence based practice when teaching motor skills.

Methodology: Lecture, exams, sharing and discussion

Evaluation Criteria:

Approximate Grading:

	Points:
4 Exams	200 pts
Assignments (in and out of class)	100 pts
Class participation	150 pts
Final Project	100 pts
Total points	550 pts

Grading Scale:

90-100% of Total Points	= A
80-89% of Total Points	= B
70-79% of Total Points	= C
60-69% of Total Points	= D
Below 60% of Total Points	= F

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

Required Text, Readings, and Materials:

Motor Learning and Control, 10th edition – Richard Magill. *McGraw-Hill*

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: 11/12/15

Attendance Policy: Students are expected to attend all classes. In rare cases, a student will be unable to attend class. In this situation, it is the student's individual responsibility to contact the instructor him/herself PRIOR TO THE MISSED CLASS. Failure to do so will result in an UNEXCUSED absence. All unexcused absences will result in a deduction from the student's participation grade and a zero for any in class activity from that day (exams, quizzes, etc.)

Any in class worksheets missed due to a students' absence must be completed by the student on their own time and turned in upon returning to class. Worksheets will only be accepted following an excused absence.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Interim Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the

Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar: Please refer to the next page for a tentative course outline.

Tentative Course Outline (Subject to change!)			
Day	Date	Topic	Ch
Mon	24-Aug	Introduction, syllabus	
Wed	26-Aug	1. Introduction to motor skills and abilities	ch 1
Fri	28-Aug	Introduction to motor skills and abilities (WS)	
Mon	31-Aug	2. Measuring performance	ch 2
Wed	2-Sep	Measuring performance (WS)	
Fri	4-Sep	3. Motor Abilities	ch 3
Mon	7-Sep	<i>Labor Day. No Class</i>	
Wed	9-Sep	Motor Abilities (WS)	
Fri	11-Sep	4. Neuromotor Basis for Motor Control	ch 4
Mon	14-Sep	Review	
Wed	16-Sep	Exam 1	
Fri	18-Sep	5.1 Motor Control Theories	Ch 5
Mon	21-Sep	Motor Control Theories (WS 5.1)	
Wed	23-Sep	5.2 Motor Control Theories (dynamic pattern theory)	
Fri	25-Sep	5.3 Motor Control Theories (dynamic pattern theory)	
Mon	28-Sep	5.4 Motor Control Theories (putting it together)	
Wed	30-Sep	5.5 MCT(hysteresis, perception-action coupling)	
Fri	2-Oct	Motor Control Theories (WS 5.3)	
Mon	5-Oct	6. Proprioception and vision	ch 6
Wed	7-Oct	6. Proprioception and vision	
Fri	9-Oct	Proprioception and vision (WS 6)	
Mon	12-Oct	Review	
Wed	14-Oct	Exam 2	
Fri	16-Oct	7. Predicting performance	ch 7
Mon	19-Oct	<i>Fall Break. No Class</i>	
Wed	21-Oct	8. Action Preparation	ch 8
Fri	23-Oct	11. Defining and assessing learning	ch 11
Mon	26-Oct	12. Stages of learning	ch 12
Wed	28-Oct	13. Transfer of learning	ch 13
Fri	30-Oct	Review learning (WS11-13)	
Mon	2-Nov	Review learning (WS 11-13)	
Wed	4-Nov	Review	
Fri	6-Nov	<i>Advising Day. No Class</i>	
Mon	9-Nov	Exam 3	
Wed	11-Nov	14.1 Modeling	ch 14
Fri	13-Nov	14.2 Imagery	ch 14
Mon	16-Nov	Modeling and Imagery (WS 14)	
Wed	18-Nov	Modeling and Imagery (WS 14)	
Fri	20-Nov	<i>Present final project to students</i>	
Mon	23-Nov	15.1 Augmented feedback	
Wed	25-Nov	<i>Thanksgiving Break. No Class</i>	
Fri	27-Nov	<i>Thanksgiving Break. No Class</i>	
Mon	30-Nov	15.2 Augmented feedback	ch 15
Wed	2-Dec	Augmented feedback (WS 15.1-15.2)	
Fri	4-Dec	Augmented feedback (WS 15.2-15.3)	
Mon	7-Dec	Review	
Wed	9-Dec	Exam 4	
Fri	11-Dec	Work Day	
TBA	Finals	Present Final Project	