KIN 377 - Motor Learning

Fall 2025 Syllabus

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1 Instructor Info

Dr. Furtado received a B.A. in Physical Education from the Federal University of Parana, Curitiba, PR - Brazil. He earned his M.S. and Ph.D. degrees in Motor Behavior from the University of Pittsburgh, PA. Dr. Furtado's research focuses on:

1. Validation of observational models in psychomotor assessment instruments
2. The relationship between motor skill competence, perceived motor competence, physical activity levels, and body composition
3. The application of artificial intelligence to enhance movement assessment

Instructor: Ovande Furtado Jr, Ph.D.
Office: RE 289
Email: Use Canvas Inbox for communication
Phone: 818-677-5968

Office Hours:
Tuesdays: 9:00 AM – 12:00 PM
Also available by appointment: Schedule Appointment

Meeting Times/Location:
`Asynchronous Fully Online` (19435)
`Asynchronous Fully Online` (19745)

> **!** Important
>
> All course communications will be conducted via Canvas. Please use the Canvas Inbox for all email correspondence. Weekly announcements with assignments and activities will be posted on Canvas. For questions, please reply to the relevant announcement so all students can benefit from the response.

2 General Information

2.1 Course Description

The study of principles, theories, and research evidence regarding the nature of motor performance and learning, with particular emphasis on factors that impact learning a skill through practice.

2.2 Course Prerequisite

KIN 200: Foundations of Kinesiology (3)

2.3 Course Format

This is an asynchronous, fully online (OF) course offering in which all class sessions and assignments are presented online. Fully online courses have no on-campus meetings.

2.4 Important Notice

> Caution
>
> This is not a self-paced course! You must: 1. Check in regularly 2. Complete weekly assignments on time

2.5 Course Expectations and Goals

After completing this course, students should be able to:

1. Differentiate between motor learning and performance
2. Understand various control theories explaining motor skill performance and learning
3. Comprehend mechanisms and processes in movement production and control
4. Analyze the relationship between attention and performance
5. Demonstrate how individual and environmental factors influence learning
6. Understand the impact of feedback types and schedules on motor skill learning
7. Apply knowledge of practice schedules to motor skill learning
8. Recognize the importance of individual differences in skill acquisition
9. Develop and implement performance assessment methods
10. Design practice sessions for teaching/learning novel motor skills

2.6 Student Learning Outcomes (SLOs)

1. Apply kinesiological principles to promote healthy lifestyles across diverse populations
2. Utilize evidence-based practices in human movement studies
3. Demonstrate problem-solving strategies through intentional practices
4. Understand kinesthetic forms, processes, and structures in human movement

2.7 Textbook

Magill & Anderson (2017)

See full reference in **?@sec-refs**

2.8 Additional Resources

2.8.1 Technology Requirements

- Computer with reliable internet access
- Web browser (Google Chrome recommended)
- Video recording device (smartphone, tablet, or webcam)

> **Note**
>
> CSUN students can borrow devices through the Device Loaner Program.

3 Course Policy

3.1 Course Communication

1. **Private Matters**: Use Canvas Inbox for personal concerns, grading issues, or confidential matters
2. **Assignment Questions**: Post questions in the relevant weekly announcement thread

3.2 Grading Policy

Component	Weight	Description
Online Quizzes	10%	13 quizzes (lowest 2 dropped)
Exams	45%	3 exams (15% each)
Online Discussions	45%	3 assignments (15% each)

3.3 Grading Scale

Grade	Range	Grade	Range	Grade	Range
A	100-94%	B+	89.9-87%	C+	79.9-77%
A-	93.9-90%	B	86.9-84%	C	76.9-74%
		B-	83.9-80%	C-	73.9-70%
				D+	69.9-67%
				D	66.9-64%
				D-	63.9-61%
				F	60.9%

3.4 Attendance Policy

Regular engagement is required. Students must log into Canvas multiple times per week to stay current with course materials and announcements.

3.5 Email Policy

CSUN uses email as the official communication method. Students must check their CSUN email account regularly. For this course, all communications must go through the Canvas Inbox.

3.6 Office Hours

Tuesdays: 9:00 AM – 12:00 PM
Also available by appointment: Schedule Appointment

3.7 Make-Up Exam Policy

Make-up exams require prior arrangement with the instructor and a valid written excuse from a reputable source. Without prior arrangement, missed assignments receive a grade of zero.

3.8 Late Assignments

Late submissions are subject to a 5% deduction per day for the first four days. No assignments will be accepted after four days.

3.9 Extra Credit

No extra credit opportunities will be provided in this course.

3.10 Disabilities Policy

CSUN is committed to providing reasonable accommodations for students with disabilities. Contact the Office of Students with Disabilities in Bayramian Hall 110 or call (818) 677-2684 to request accommodations.

3.11 Academic Integrity

Academic dishonesty, including cheating and plagiarism, will not be tolerated and may result in course failure and disciplinary action. Review the CSUN Student Conduct Code.

4 Course Requirements

4.1 Online Quizzes

You will be required to take 13 online quizzes, with the lowest two scores dropped. Quizzes will be administered weekly on Canvas.

- **Weight**: 10% of final grade
- **Format**: Weekly quizzes on Canvas
- **Notes**: Open book/notes, but no collaboration allowed
- **Grading**: Lowest 2 quiz scores will be dropped

4.2 Exams

You will be required to take 3 exams, each worth 15% of your final grade. Exams will be administered via Canvas.

- **Weight**: 45% total (15% each)
- **Format**: Administered via Canvas
- **Schedule**:

  1. Exam 1: Chapters 1, 2, 9, 10
  2. Exam 2: Chapters 11, 12, 13, 14
  3. Exam 3: Chapters 15, 16, 17, 18

4.3 Online Discussions

- **Weight**: 45% total (15% each)
- **Format**: Initial posts and peer responses
- **Schedule**:
  - Discussion 1: Week 4 (initial post) & Week 5 (responses)
  - Discussion 2: Week 8 (initial post) & Week 9 (responses)
  - Discussion 3: Week 12 (initial post) & Week 13 (responses)

5 Course Schedule

> **Note**
>
> All assignments are due on Mondays at 5:00 PM PST.
> The first date is the post date, and the second is the due date; i.e., September 1 (post) - September 8 (due).

Week	Dates | Topics | Assignments (due one week from their posted date @ 5 pm) |		
1	Aug 25-Sept 1	Introduction	• Read Syllabus • Syllabus Quiz
2	Sep 1- 8	Ch01: Classification of Motor Skills	• Quiz Ch1
3	Sep 8-15	Ch02: Measurement of Motor Performance	• Discussion 1 **Initial Post** • Quiz Ch2
4	Sep 15-22	Ch09: Attention	• Discussion 1 **Responses** • Quiz Ch9
5	Sep 22-29	Ch10: Memory Components & Strategies	• Quiz Ch10
6	Sep 29-Oct 6	Review+Exam 1	• Exam 1 (Chs. 1, 2, 9, 10)
7	Oct 6-13	Ch11: Defining and Assessing Learning	• Discussion 2 **Initial Post** • Quiz Ch11
8	Oct 13-20	Ch12: The Stages of Learning	• Discussion 2 **Responses** • Quiz Ch12
9	Oct 20-27	Ch13: Transfer of Learning	• Quiz Ch13
10	Oct 27-Nov 3	Ch14: Demonstration & Verbal Instructions	• Quiz Ch14
11	Nov 3-10	Review+Exam 2	• Exam 2 (Chs. 11-14)
12	Nov 10-17	Ch15: Augmented Feedback	• Discussion 3 **Initial Post** • Quiz Ch15
13	Nov 17-24	Ch16: Practice Variability & Specificity	• Discussion 3 **Responses** • Quiz Ch16
14	Nov 24-Dec 1	*Thanksgiving Break*	No Class
15	Dec 1-8	Ch17: Amount & Distribution of Practice	• Quiz Ch17
16	Dec 8-13	Ch18: Whole and Part-Practice	• Quiz Ch18
Finals	Dec 13-19	Review+Exam 3 | - Exam 3 (Chs. 15-18) |	

References

Magill, R., & Anderson, D. I. (2017). *Motor learning and control: concepts and applications* (11th edition). McGraw-Hill Education.