

UNIVERSITY OF NORTH TEXAS

Department of Kinesiology, Health Promotion and Recreation

COURSE SYLLABUS

Course Number and Title: KINE 3090 Motor Behavior

Instructor: Dr. Jeff E. Goodwin

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Office: PEB 110

Office Hours: M T W R 7:30-8:00

Course Description: Concepts related to motor skill acquisition, motor control and motor performance.

Enrollment Requirements: Students must complete PHED 1000, KINE 2030, and KINE 2050 (or equivalent coursework as determined by the department) with a B or better average in order to enroll in this course. Non-kinesiology majors require department consent.

General Objective: Motor learning and performance provides an examination of the motor and cognitive characteristics of individuals involved in learning or performing motor skills and the conditions that can influence learning. Instruction will focus on learning the processes underlying skilled performance, how skilled performances are learned, and how to apply the principles of skilled performance and learning to instructional settings. An understanding of the basic psychological processes involved in learning and control of movement will help professionals provide better instruction and practice conditions for the skill performer.

Grading:

1. Exam 1 (50 points)
2. Exam 2 (70 points)
3. Exam 3 (50 points)
4. Exam 4 (70 points)

Projected Grading Scale:

216.00 - 240.00 POINTS (90.00 - 100.00%) -- A
192.00 - 215.99 POINTS (80.00 - 89.99%) -- B
168.00 - 191.99 POINTS (70.00 - 79.99%) -- C
144.00 - 167.99 POINTS (60.00 - 69.99%) -- D
000.00 - 143.99 POINTS (00.00 - 59.99%) -- F

Textbook:

Magill, R. A., & Anderson, D. (2014). *Motor learning and control: Concepts and applications* (10th ed.). New York, NY: McGraw Hill.

TENTATIVE COURSE SCHEDULE

Introduction To Course**Introduction To Motor Behavior: The Classification Of Motor Skills – Chapter 1**

- A. What Is Motor Behavior?
- B. Motor Behavior Family
- C. Motor Learning General Terms
- D. Motor Learning Classification Systems – A Task Approach
- E. Gentile's Two-Dimensions Taxonomy

Motor Performance And Learning – Chapter 11

- A. Performance Distinguished From Learning
- B. Assessing Motor Learning

Motor Learning Stage Models – Chapter 12

- A. Fitts And Posner's Three-Stage Model (1967)
- B. Adams' Two-Stage Model (1971)
- C. Gentile's Two-Stage Model (1972, 1987, 2000)
- D. Newell's Coordination And Control Two-Stage Model (1985)
- E. Performer And Performance Changes Across Stages Of Learning
- F. A Performance Characteristic That Does Not Change Across Stages Of Learning
- G. Expertise

Research And Measurement In Motor Behavior – Chapter 2

- A. General Research Terms
- B. Contrasting Research Terms
- C. Performance Outcome Measures
- D. Performance Production Measures

EXAM 1**Motor Abilities – Chapter 3**

- A. Abilities And Skills
- B. General Vs. Specific Motor Abilities
- C. How To Explain The Notion Of An 'All-Around' Athlete
- D. Fleishman's Taxonomy Of Motor Abilities

Motor Control Theories – Chapter 5**Memory Components, Forgetting, And Strategies – Chapter 10**

- A. Memory Structure
- B. Assessing Remembering And Forgetting
- C. Causes Of Forgetting
- D. Strategies That Enhance Memory Performance

Action Preparation – Chapter 8

- A. Information-Processing Model
- B. Task And Situation Characteristics Influencing Preparation

Introduction To Motor Control – Blackboard Online Lesson**EXAM 2**

Practice Organization

- A. Composition Of Practice
 1. **Specific And Specific + Variable Practice – Chapter 17**
 2. **Part And Whole Practice – Chapter 18**
 3. Mental And Physical Practice
- B. Scheduling Of Practice

1. **Blocked, Serial, And Random Practice – Chapter 16**
2. Other Forms Of Variable Practice
3. **Massed And Distributed Practice – Chapter 17**

EXAM 3

Information Feedback – Chapter 15

- A. Feedback Family
- B. Role Of Augmented Feedback
- C. How Essential Is Augmented Feedback For Skill Acquisition?
- D. Frequency Of KR
- E. Timing Of Augmented Feedback
- F. Precision Of KR
- G. KR Schedules
- H. KR-Delay And Post-KR Intervals

EXAM 4

Course Policy:

1. The Department of Kinesiology, Health Promotion and Recreation is committed to full academic access for all qualified students, including those with disabilities. In keeping with this commitment and in order to facilitate equality of educational access, faculty members in the Department of Kinesiology, Health Promotion and Recreation will make reasonable accommodations for qualified students with a disability, such as appropriate adjustments to the classroom environment and the teaching, testing, or learning methodologies when doing so does not fundamentally alter the course.

If you have a disability, it is your responsibility to obtain verifying information from the Office of Disability Accommodation (ODA) and to inform me of your need for an accommodation. Requests for accommodation must be given to me no later than the first week of classes for students registered with the ODA as of the beginning of the current semester. If you register with the ODA after the first week of classes, your accommodation requests will be considered after this deadline.

Grades assigned before an accommodation is provided will not be changed. Information about how to obtain academic accommodations can be found in UNT Policy 18.1.14, at www.unt.edu/oda, and by visiting the ODA in Room 321 of the University Union. You also may call the ODA at 940.565.4323.

2. **Attendance is defined as being in the classroom the complete class period (8:00 AM to 11:50 AM). If you are in attendance you can listen and participate in the class lecture. Showing up late, leaving early, or stepping out of class (e.g., to use a cell phone) is distracting to other students and the instructor. Because attendance is defined as such, being late and/or leaving early will be counted as not being in attendance and may result in points deducted from your final grade.**

There is an attendance form (roll sheet) for the course, and it is your responsibility to sign your name. You are expected to arrive on time and you will receive a tardy if you arrive more than 10 minutes late to class. Two 'tardies' will equal an absence. If you have to miss class you should let me know of the absence ahead of time. You will be counted absent if you miss more than 30 minutes of class. If you miss one class, then 5 percentage points (5%) will be deducted from your final grade. If you miss two classes, then you will receive a grade of F in the course. There are no excused absences so you do not need to bring a medical note.

Please note that I do NOT normally examinations and that the grade individuals receive will be the grade earned. Based on past teaching practices, I have found that failure to attend classes for whatever reason results in significantly lower academic grades. Attendance will enhance your understanding of material. You are expected to be in class. If you decide not to attend class or determine that you cannot attend class, you are responsible for material covered in class that day. I will be happy to meet with you to answer any questions you have; however, I will not repeat the lecture missed or provide copies of class notes.

3. Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.unt.edu/csrr

I expect ALL individuals to:

- attend and be punctual to ALL classes;
- turn cell phones off during class;
- complete ALL reading assignments prior to class;
- be energetic in bringing relevant information to class; and
- participate fully in class discussions.

Showing up late, leaving early, or stepping out of class to use your cellular phone is distracting to the other students in class. Cellular phones and other electronic devices can be distracting if used inappropriately. During class, turn cell phones to vibrate or off. You are not to have earphones of any type in during class. All electronic devices are to be turned off prior to entering the classroom. You may, of course audio record the lectures or have your computer on for taking notes. Students found to have computers on for purposes other than this class will be asked to leave the room. During examinations, cell phones and other electronic devices must be turned off and placed out of sight. Failure to do so may result in you: (a) being asked to leave the classroom; and/or (b) receiving a zero on the examination.

4. Categories of Academic Dishonesty:

Cheating: The use of unauthorized assistance in an academic exercise, including but not limited to:

1. use of any unauthorized assistance to take exams, tests, quizzes or other assessments;
2. dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems or carrying out other assignments;
3. acquisition, without permission, of tests, notes or other academic materials belonging to a faculty or staff member of the University;
4. dual submission of a paper or project, or re-submission of a paper or project to a different class without express permission from the instructor;
5. any other act designed to give a student an unfair advantage on an academic assignment.

Plagiarism: Use of another's thoughts or words without proper attribution in any academic exercise, regardless of the student's intent, including but not limited to:

1. the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgement or citation.
2. the knowing or negligent unacknowledged use of materials prepared by another person or by an agency

engaged in selling term papers or other academic materials.

Forgery: Altering a score, grade or official academic university record or forging the signature of an instructor or other student.

Fabrication: Falsifying or inventing any information, data or research as part of an academic exercise.

Facilitating Academic Dishonesty: Helping or assisting another in the commission of academic dishonesty.

Sabotage: Acting to prevent others from completing their work or willfully disrupting the academic work of others.

Available Academic Penalties: The following academic penalties may be assessed at the instructor's discretion upon determination that academic honesty has occurred. Admonitions and educational assignments are not appealable:

- ❖ Admonition: The student may be issued a verbal or written warning.
- ❖ Assignment of Educational Coursework: The student may be required to perform additional coursework not required of other student in the specific course.
- ❖ Partial or no credit for an assignment, assessment or course grade: The instructor may award partial or no credit for the assignment or assessment on which the student engaged in academic dishonesty, to be calculated into the final course grade.
- ❖ Adjustment of final course grade: The instructor may assign a lower course grade.

5. Family Educational Rights and Privacy Act (FERPA) Information: Students have the right to expect their grades will be kept confidential. There are a few things, because of the size and/or nature of this class, the instructor must advise you of regarding collection and distribution of examination results, quiz results, homework assignments, roll sheets, projects, etc. During this class it may be necessary for you to pass your assignments forward to the instructor or it may be necessary for the instructor to call your name and then return your completed assignment to you by passing it across the room. The instructor, under the reasonable assumption guidelines, assumes students are collecting only their own materials. Every attempt will be made to keep your information confidential. Neither your course grades nor grades for any assignment will be posted in a way that could result in your being identified by other students or faculty members.

6. Failure to take examinations at the scheduled time will result in a grade of zero, unless individuals have made special arrangements with the instructor *prior* to the class. Make-up examinations will NOT normally be administered. When examinations are administered, you must remove your hats/caps as you enter the classroom. You may NOT wear a hat/cap of any type (including, but not limited to, baseball, Easter, sombrero, bonnet, cowboy, bandera, nylons, etc.) during examinations. Please see me personally if you have a religious- or medical-based matter to discuss related to this policy.

In the event that you are scheduled to participate in an official University function on the date of an examination, please contact me to schedule a make-up test session. You are expected to take an examination *prior* to leaving for the official University function.

7. I will present the results of examinations to the class within two class periods after the examination was administered. Individuals will NOT have the opportunity to review examinations during class. Individuals have the responsibility of reviewing examinations during the instructor's office hours (or by appointment). Individuals have two days to review examinations. After the two day period, individuals will NOT have the opportunity to review examinations.

8. All students should activate and regularly check their EagleConnect (e-mail) account. EagleConnect is used for official communication from the University to students. Many important announcements for the University and College are sent to students via EagleConnect. Due to the amount of spam e-mail messages, I normally do not receive or respond to messages sent from outside service providers (e.g., Yahoo, Hotmail, AOL, Verizon, Gmail, etc.).
9. The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.
10. Lecture outlines for this course are available for you to print. Log on to <https://ecampus.unt.edu> and select the KINE 3090 (Goodwin) Section 001 (Summer 2014 3W1) course. At that point, select Course Content and then select Lecture Outlines.