



# Motor Learning and Performance







**Lecture Instructor:** Matthew W. Miller, Ph. D.

Email: mwm0024@auburn.edu

**Office Hours:** Monday 1:00 PM - 3:00 PM

**Office Location**: Kinesiology Building 164

**Lecture Meeting:** Monday – Friday, 11:30 AM – 1:00 PM, SAC 253

**Lab Meeting:** Monday – Thursday, 5:00 – 6:15 PM, Kinesiology Building 231

**Course Number:** KINE 3650

Credit Hours: 4.000

**Prerequisites:** None

**Texts/Resources:** Schmidt, R. A., & Lee, T. D. (2014). *Motor Learning and Performance* 

(5<sup>th</sup> ed.). Champaign, IL: Human Kinetics.

Course Description: Understanding of the basic psychological processes in learning and control

of skillful human movement.



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Learning Outcomes: Students will be able understand to the psychological basis of motor learning and performance as well as apply this knowledge to facilitate learning and performance.

## Course Content (DATES ARE SUBJECT TO CHANGE)

Week	<b>Topic and Reading</b>	Readings/Assessments
06/27 –	Introduction	Chapters 1 – 3
07/01	D	
	Processing Information and	
	Making Decisions	
	Willing Decisions	
	Attention and	
	Performance	
07/04 - 08	Sensory Contributions	Chapters 4 – 5
No Class 07/04	to Skilled Performance	
07/04	Performance	
	Motor Programs	
07/11 - 15	Principles of Speed,	Chapters 6 – 7/ <b>Midterm (07/15)</b>
	Accuracy, and	
	Coordination	
	Individual	
	Differences	
07/18 - 22	Introduction to Motor	Chapters 8 – 9
	Learning	-
	Chill A aquicition	
	Skill Acquisition, Retention, and	
	Transfer	
07/25 – 29	Organizing and	Chapters 10 – 11
	Scheduling Practice	
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08/01 - 05	Augmented Feedback	Final Exam (TBA)
No Class		Tiliai Exalli (1 <i>DA)</i>
08/01 - 02		



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#### **Assessments:**

#### **Exams**

There will a midterm and final exam. The exams will be weighted equally. The final exam will ask questions related to material covered after the midterm. If you are absent from class the day on which an exam is occurring for 'unexcused reasons,' then you may not have the opportunity to complete the exam and, thus, could receive a grade of zero. If you have an excused lateness or absence, then you will be able to take a make-up exam.

#### Lab

Information about labs will be provided by the lab instructor, Maurice Godwin, M. Ed. (mmg0025@auburn.edu), at the first lab meeting

### **Grading:**

Assignments contribute as follows to final class grade:

Exams 70%

Lab Assignments 30%

Percentages will be associated with the following letter grades:

A: 90.0% ≤

B: 80.0% ≤

C:  $70.0\% \le$ 

D:  $60.0\% \le$ 

F: 60.0% >

#### **Class Policies:**

<u>Attendance</u>: Although attendance is not required, students are expected to attend all classes, and will be held responsible for any content covered in the event of an absence.



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Excused Absences: Students are granted excused absences from class for the following reasons: illness of the student or serious illness of a member of the student's immediate family, the death of a member of the student's immediate family, trips for student organizations sponsored by an academic unit, trips for university classes, trips for participation in intercollegiate athletic events, subpoena for a court appearance, and religious holidays. Students who wish to have an excused absence from class for any other reason must contact Dr. Miller in advance of the absence to request permission. Dr. Miller will weigh the merits of the request and render a decision. When feasible, the student must notify Dr. Miller prior to the occurrence of any excused absences, but in no case shall such notification occur more than one week after the absence. Appropriate documentation for all excused absences is required. Please see the *Tiger Cub* for more information on excused absences.

<u>Make-Up Policy</u>: Students are only guaranteed the opportunity to make up assignments due to excused absences (i.e., students are not guaranteed the opportunity to make up assignments due to unexcused absences). Arrangement to make up assignments due to properly authorized excused absences must be initiated by the student within one week of the end of the period of the excused absences(s). Except in unusual circumstances, such as the continued absence of the student or the advent of university holidays, a make-up assignment will take place within two weeks of the date that the student initiates arrangements for it.

<u>Academic Honesty Policy</u>: All portions of the Auburn University student academic honesty code (Title XII) found in the *Tiger Cub* will apply to KINS 7750. All academic honesty violations or alleged violations of the SGA Code of Laws will be reported to the Office of the Provost, which will then refer the case to the Academic Honesty Committee.

<u>Disability Accommodations</u>: Students who need special accommodations in class, as provided by the Americans with Disabilities Act, should arrange for a confidential meeting with Dr. Miller during office hours in the first week of classes (or as soon as possible if accommodations are needed immediately). The student must bring a copy of their Accommodations Letter and an Instructor Verification Form to the meeting. If the student does not have these forms, they should make an appointment with the Program for Students with Disabilities, 1288 Haley Center, 844-2096 (V/TT).

<u>Course Contingency</u>: If normal class is disrupted due to illness, emergency, or crisis situation, the syllabus and other course plans and assignments may be modified to allow completion of the course.





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Professionalism: As faculty, staff, and students interact in professional settings, we are expected to demonstrate professional behaviors as defined in the College's conceptual framework. These professional commitments or dispositions are listed below:

- o Engage in responsible and ethical professional practices
- o Contribute to collaborative learning communities
- o Demonstrate a commitment to diversity
- o Model and nurture intellectual vitality