FALL 2015

Course Title: Human Motor Control and Learning Lab
Course Number: KINE 3132
Sections: .002, .004, and .005
Credits: 1 Hour
Days/Hours of Class: Wed. 11 a.m. – 1 p.m., Fri. 10 a.m. – 12 p.m., and Fri. 2 p.m. – 4 p.m.
Room: HPC 02255

INSTRUCTOR INFORMATION
Name: Doug Vardeman, MS
Office Location: By Appointment
Email Address: dvardeman@uttyler.edu
Emergency Number (Office): (903) 566-7031 (Sarah Cowan)
Office Hours: By Appointment

TEXT

All material needed for lab will be posted on blackboard. I expect to have all materials posted by Tuesday evening for labs on Fridays. This lab is intended to directly reinforce the lecture so please bring your lecture book to lab for reference purposes:


COURSE CONTENT

Laboratory and field analysis related to learning and control of motor skills.

DEPARTMENTAL AND PROGRAM LEARNING OUTCOMES

By the end of your Bachelor of Science in Kinesiology Program, you are expected to accomplish the following learning outcomes at above average levels including:

- Mastery of Kinesiology and/or Health Related Content
- Application of Critical Thinking Skills
- Demonstration of Communication Skills
- Demonstration of Leadership Skills
- Exhibit Integrity/Ethical behavior in different settings.
- Demonstrate use of Technology
- Demonstrate an appreciation of Human Diversity and Multiculturalism
<table>
<thead>
<tr>
<th>Week of School</th>
<th>Lab Activity</th>
<th>Lab Work/Homework Assignment</th>
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</thead>
<tbody>
<tr>
<td>1. August 24</td>
<td>Lab Introduction, syllabus review, lab expectations and policies, student introduction and discussion</td>
<td>1 page self-reflection regarding what motivates you to learn and acquire information, skills, and working knowledge</td>
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<tr>
<td>2. August 31</td>
<td>Juggling activity to illustrate the stages of learning</td>
<td>Lab Discussion Questions</td>
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<td>3. September 7</td>
<td>Lab Ch. 2a: Hick’s Law Ruler Drop (movement preparation and how response choices affect response time)</td>
<td>Lab Report</td>
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<tr>
<td>4. September 14</td>
<td>Lab Ch. 3a: Motor Programs (movement complexity and time relationship)</td>
<td>Lab Discussion Questions</td>
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<td>5. September 21</td>
<td>Motor Learning/Control article research</td>
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<tr>
<td>6. September 28</td>
<td>Lab Ch. 4: Visual Search (influence of visual search training on catching performance)</td>
<td>Lab Report</td>
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<tr>
<td>7. October 5</td>
<td>Lab Ch. 7: Modeling and Verbal Instructions (examine the effects of providing a demonstration of a skill in the presence and absence or verbal instruction)</td>
<td>Lab Discussion Questions</td>
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<tr>
<td>8. October 12</td>
<td>Lab Ch. 8c: Speed Accuracy Tradeoff (determine the relationship between speed and accuracy)</td>
<td>Lab Discussion Questions</td>
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<td>9. October 19</td>
<td>Brain/Computer Interface (BCI) Lesson and Discussion</td>
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<tr>
<td>10. October 26</td>
<td>Lab Ch. 9: Variable Practice (examine schema development through variable practice)</td>
<td>Lab Discussion Questions</td>
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<td>10. November 2</td>
<td>BCI article research</td>
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<td>11. November 9</td>
<td>Research Article and BCI in-class work</td>
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<tr>
<td>12. November 16</td>
<td>Research Article Presentation</td>
<td>Research Article Presentation</td>
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<td>13. November 23</td>
<td>No Lab: Thanksgiving Break</td>
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<td>14. November 30</td>
<td>BCI presentation and review for Final</td>
<td>BCI Presentation</td>
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<tr>
<td>15. December 1</td>
<td>Lab Final</td>
<td>Lab Final</td>
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GRADING

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Number of Assignments</th>
<th>Points Per Assignment</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Discussion</td>
<td>5</td>
<td>50</td>
<td>250</td>
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<tr>
<td>Lab Report</td>
<td>2</td>
<td>200</td>
<td>200</td>
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<tr>
<td>Reflection Paper</td>
<td>1</td>
<td>50</td>
<td>50</td>
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<tr>
<td>Research Article</td>
<td>1</td>
<td>200</td>
<td>150</td>
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<tr>
<td>Presentation</td>
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</tr>
<tr>
<td>BCI Presentation</td>
<td>1</td>
<td>150</td>
<td>150</td>
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<tr>
<td>Lab Final</td>
<td>1</td>
<td>200</td>
<td>200</td>
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Total Possible Points = 1,000
A = 1,000 – 895
B = 894 – 795
C = 794 – 695
D = 694 – 595
F = 594 – 0

UNIVERSITY POLICIES
Handbook of Operating Procedures -- The University of Texas at Tyler

ACADEMIC DISHONESTY POLICY

At The University of Texas at Tyler students and faculty are responsible for maintaining an environment that encourages academic integrity. Students and faculty members are required to report an observed or a suspected case of academic dishonesty immediately to the faculty member in charge of an examination, classroom or laboratory research project, or other academic exercise.

Since the value of an academic degree depends on the absolute integrity of the work done by the student for the degree, it is imperative that a student maintain a high standard of individual honor in scholastic work. Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, and collusion:

"Cheating" includes:
1. Copying from the paper of another student, engaging in written, oral or any other means of communication with another student, or giving aid to or seeking aid from another student when not permitted by the instructor;
2. Using material during an examination or when completing an assignment that is not authorized by the person giving the examination or making the work assignment;
3. Taking or attempting to take an examination for another student, or allowing another student to take an examination for oneself;
4. Using, obtaining, or attempting to obtain by any means, the whole or any part of an examination or work assignment that has not yet been administered.
"Plagiarism" includes the unacknowledged incorporation of the work of another person in work that a student offers for credit. “Collusion” includes the unauthorized collaboration with another person in preparing written work that a student offers for credit.

GRADE APPEAL PROCEDURE

A student who wishes to contest a grade given by an instructor must initiate the procedure by contacting the instructor who assigned the grade. The instructor and the student should informally review the criteria for assignment of grades and the student's performance. The instructor may affirm the grade or revise the grade.

If the student is not satisfied after the informal discussion with the instructor, then the student may initiate a formal grade appeal by completing a Grade Appeal Form that may be obtained from the Office of Student Records. Normal grade appeals should be filed at the earliest date possible, but no later than six months from the final date of assignment. The instructor and the student should complete the appropriate parts of the form clearly indicating the instructor's rationale for the grade given and the student's basis for the grade appeal.

At each administrative level of the appeal process, an attempt will be made to resolve the issue. If the instructor holds one of the administrative positions used in the appeal process, then that level is omitted. If no resolution is reached at a particular level, then the appeal is forwarded with the recommendation of the administrator at that level with all documentation. If the appeal is to be considered by the vice president for academic affairs, then a copy of the Grade Appeal Form shall be forwarded by the academic dean of the student. The Office of the President is the final step in the appeal process at The University of Texas at Tyler.

FOOD AND DRINK IN CLASSROOMS

Consumption of food and drink in university classrooms is prohibited. You may bring water to lab, but that is all.

INDOOR SMOKE-FREE CAMPUS

The University of Texas at Tyler is an indoor tobacco-free campus. No smoking will be permitted in any building, office, hallway, classroom, laboratory, restroom, lounge, or any other indoor location.

CLASS ATTENDANCE

Attendance to lab is mandatory and highly important as we only meet once a week. Excused absences include: University excused absences (academic or athletic event associated with the University), an act of God that closes the University for the day, and legitimate illness/emergency associated with you or a loved one.
APPROVED STUDENT ABSENCES

On those occasions when it may be necessary for students to miss a regularly scheduled class in order to participate in an official university event or activity, faculty sponsors and program directors are requested to observe the following procedures:

1. Faculty sponsors or program directors should draft a memorandum to the vice president for academic affairs. This memorandum should include information concerning the nature of the event, the date(s) on which students would be absent from class, and the names of the students involved.
2. Copies of the memorandum addressed to the vice president should be given to each of the students listed on the memorandum.
3. Students should be directed to communicate with their instructor(s) prior to the date of the planned absence.

It is expected that students will not abuse the privilege of being absent from class for authorized university activities, and that make-up assignments will be made at the discretion and convenience of the instructor.

STUDENT ABSENCE DUE TO RELIGIOUS OBSERVANCE

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

STUDENT ABSENCE FOR UNIVERSITY-SPONSORED EVENTS AND ACTIVITIES

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

SOCIAL SECURITY AND FERPA STATEMENT

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

STATE-MANDATED COURSE DROP POLICY

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the
extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

DISABILITY STATEMENT

If you have a disability, including a learning disability, for which you request disability support services/accommodations(s), please contact Ida MacDonald in the Disability Support Services office so that the appropriate arrangements may be made. In accordance with federal law, a student requesting disability support services/accommodations(s) must provide appropriate documentation of his/her disability to the Disability Support Services counselor. Visit University Center, Room 282 or call 903-566-7079 for more information.

EMERGENCY EXITS AND EVACUATION

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

GRADE REPLACEMENT/FORGIVENESS AND CENSUS DATE POLICIES

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at http://www.utttyler.edu/registrar. Each semester’s Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date is September 15th and is the deadline for many forms and enrollment actions that students need to be aware of. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for
- Taking courses as audit, pass/fail or credit/no credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid