



KES 5316
Neurological Basis for Motor Learning and Control
Summer 2022

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Office Hours: MW 9-11 & 1-3, TR 9-11 & 2-4, and F 9-2. **By appointment** (email to set an appointment)
Meeting: via Blackboard
Required Text: Title: Motor Learning and Control: Concepts and Applications 12th ed.
Author: Magill
Publisher: McGraw-Hill Education
ISBN: 9781264090808

For this course you will be required to purchase McGraw-Hill Education Connect® access for Motor Learning and Control: Concepts and Applications, 11th edition, by Richard Magill and David Anderson.

You are not required to have a print text in addition to Connect access, so please be aware that if you purchase a used textbook you will still need to purchase Connect access. You can purchase Connect access directly from the Connect website at net cost when registering for your course section here: https://connect.mheducation.com/class/b-ray-kes-5316_spring2020

A print-upgrade option is available via Connect if you find yourself wanting a print companion at some point during the semester. This will be a full color binder-ready version of the text and can be mailed directly to you for an additional \$25.00 (including shipping and handling). Please note that Connect works best on Google Chrome or Firefox.

You will also need to access the SRSU Library to locate and download peer-review, scholarly articles. For assistance you may Ask the Library or contact the Graduate Student Center for help.

Course Description

This course is designed to provide an understanding of principles involved in motor learning, control, and performance of skill acquisition for school age children and adult populations. This course will focus on how people learn and perform skills, how they develop skills, and how skills are used in various situations.

Expectations of Students

Students are responsible for keeping up with the reading and are expected to read the assigned chapters and/or other posted readings prior to class in order to contribute to online discussion. Handouts distributed through Blackboard should be kept in a notebook in order to be referred to as necessary.

Marketable Skills – The following marketable skills are met in this course:

- **Collaboration** – students will interact with one another through a multitude of class discussion boards
- **Communication** –
- **Critical Thinking** – students will be asked to critically decipher a multitude of real-world scenarios
- **Career Management** – students will develop the skills necessary to thrive in a management roll in their chosen profession

Student Learning Outcomes

- A. Develop a functional understanding of the neurological basis of movement behavior.
- B. Understand the factors that influences the learning and performance of motor skills
- C. Apply learning theory to the learning and performance of motor skills.
- D. Understand the developmental influences on motor behavior.
- E. Apply instructional and training procedures to school age and athletic populations.

Methods of Evaluation:

Outcome Measure	Points per Unit	Available Points	% of Grade
Connect LearnSmart Chapter Readings	4-5	100	10%
Connect Quizzes	50	200	20%
Discussions	50	200	20%
Assignments	100	400	40%
Final Project	100	100	10%
Total/Final Grade*	--	1000	100%

*Letter Grading as per SRSU policy will be used in this course.

Note: Satisfactory progress in the HHP program means a cumulative GPA of 3.0 in all core classes (e.g. everything leading up to the final practicum course). In most cases, this means a 'B' or better in each class is considered satisfactory progress.

Late Work Policy

All coursework must be submitted by the provided due dates in Blackboard or Connect. Late work will be subject to the following deductions: Discussions/Responses/Assignments/ Quizzes/Final Projects carry a 5% deduction per day late; up to 30% maximum deduction. LearnSmart readings must be completed by the due date for credit.

Drop Policy

Students are responsible to register and withdrawal from courses themselves, either through Banner (LoboOnline) or by contacting the University Registrar by published deadlines. For information regarding enrollment/registration changes please review the website at: <http://www.sulross.edu/page/967/schedule-changes-withdrawals>

Tentative Course Calendar

Week	SmartBook Chapters	Assessments
1: June 1-5	SmartBook Chapters 1-3	Discussion 1 / Assignment 1 / Quiz 1: 1-3
2: June 6-12	SmartBook Chapters 4-8	Assignment 2 / Discussion 2 / Quiz 2: 4-8
3: June 13-19	SmartBook Chapters 9-15	Assignment 3 / Discussion 3 / Quiz 3: 9-15
4: June 20-26	SmartBook Chapters 16-19 <i>Recommend review all previous work and final assignment</i>	Assignment 4, Discussion 4 Quiz 4: 16-19 <i>Recommend: Begin Final Assignment</i>
5: June 27-July 3	<i>Recommend: Complete Final Project</i> <i>***Recommend copy/save all discussions from yourself and others, and all submitted work so you can have this material for your COMP exam at the end of the program.</i>	Final Project
5.5: July 4-5		Submit Final Project

Note: I recommend working ahead on the required discussions using a Word document or similar as time permits in your schedule. The assignments and discussions get increasingly more time consuming and difficulty so it is best to work ahead.

All Coursework Requirements Deadline

Due to the time requirement for grading purposes, all course requirements must be submitted/completed by the 'Course Requirements Deadline' of Friday of Week 8 at 11:59pm to be counted for credit towards the final letter grade in this course. There will be no exceptions to this policy. Late deductions will apply as per above policy.

Course Requirements

Connect SmartBook -100 points total; 5-8 points per chapter

LearnSmart will provide the students with an opportunity to remember and understand the key learning principles in this course. LearnSmart is an interactive reading program provided through McGraw-Hill Connect. These modules will guide you through each individual chapter asking questions to assess your knowledge along the way. These assignments will cover information that will be on each of the chapter quizzes, as well as, information contained within your labs.

Connect Quizzes -200 points total; 50 points per quiz

Connect Quizzes will provide the student with the opportunity to retrieve and associate new knowledge by choosing the correct answer to a variety of multiple choice, true/false, and short answer questions. There will be three quizzes throughout the semester.

Discussions + Responses -50points each; 200 total

Discussions (40pts) will provide the student with the opportunity to develop a personalized social presence in the online learning environment. In addition, students will demonstrate higher learning by retrieving, paraphrasing, and examining key definitions from the required text, as well as linking the concept to their own personal/professional experience by illustrating an example, reflecting on a specific experience, debating a theory, hypothesizing a new theory, or by critiquing non-factual information presented by another student. Further, the student can provide additional reading opportunities through web links, PDF articles, videos or similar.

'Responses'(5pts)

As part of each discussion, the student must read and respond to at least one other

classmate's original discussion post within 48hours of the discussion due date. To earn the full 10pts assigned to a response, it must be more than "good job", "I like what you said", etc., it must be a substantial response that would be as if you were having a discussion on the topic in class. Specifically, a substantial response would include, but not limited to: Adding to the discussion with further information you find (cite your source), presenting alternative theories, asking relevant questions with hypothesized

answers, describing the application to sports, health or performance through illustrating an example, as well as providing constructive criticism / a different viewpoint with factual backing. Responses should be professional/academic responses and not chat room or informal language. To respond to another's post, click on their post and then choose reply. Title the subject of your response with your "Last name" and "response to Authors Last Name Week 3 post" (eg. Herrera's response to Henderson's Week 3 post).

Assignments - 400 points total; 100 points per assignment

The assignments provide a real-world / practical application of the course content providing the student with the opportunity to apply and analyze newly gained knowledge using qualitative and quantitative data methods, scientific/research evidence, and personal judgements. There will be four assignments throughout the semester that corresponding to specific topics covered in the text.

Final Project -100 points total

This Final Project provides the student with the opportunity to analyze and evaluate newly gained knowledge by investigating the available scientific literature on a topic and then developing a critical analysis that also formulates new insight gained in the course.

HHP Virtual Classroom - Blackboard Collaborate No points provided

Blackboard Collaborate is a virtual classroom that may be used during this course. Attendance is not required but it will provide students with an opportunity to interact in real-time with each other and/or the professor. Students can use this tool anytime using 'BB Collaborate Room' link; the same link can be used at a scheduled time with your professor (please email to setup a time; or a Zoom link may be used if preferred).

Notes: Contact SRSU Blackboard support should you need technical assistance. See syllabus for contact info.

PS!!! Yes, students can use this video conferencing tool to connect and discuss course materials ANYTIME - it's here for you to use so make a friend and use it :)

Academic Honesty:

Each student is expected to do his or her own work. Suspected cheating will be given the rightful due process, but will be subjected to an "F" given for the assignment/exam. Plagiarized work will receive an "F" for that assignment. All written work is subject to inspection for plagiarism. The university's academic honesty policy is published in the graduate catalog.

Accidents & Injuries

In the case of bodily or personal property damage, the Kinesiology Department will not be held responsible. The student must report any field experience related injury or illness to the Instructor immediately. Any expense incurred due to injury or illness will be the student's responsibility.

Academic Integrity Statement

Academic integrity represents the choice to uphold ethical responsibility for one's learning within the academic community, regardless of audience or situation.

Academic Civility Statement

Students are expected to interact with professors and peers in a respectful manner that enhances the learning environment. Professors may require a student who deviates from this expectation to leave the face-to-face (or virtual) classroom learning environment for that particular class session (and potentially subsequent class sessions) for a specific amount of time. In addition, the professor might consider the university disciplinary process (for Academic Affairs/Student Life) for egregious or continued disruptive behavior.

Academic Affairs Service Statement

Sul Ross faculty, staff, and students are expected to model responsible citizenship through service activities that promote personal and academic growth while enhancing the university, local, regional, national, and global communities. These activities will foster a culture of academic/public engagement that contributes to the achievement of the university's mission and core values.

Academic Excellence Statement

Sul Ross holds high expectations for students to assume responsibility for their own individual learning. Students are also expected to achieve academic excellence by:

- Honoring the core values of Sul Ross.
- Upholding high standards of habit and behavior.
- Maintaining excellence through class attendance and punctuality.
- Preparing for active participation in all learning experiences.
- Putting forth their best individual effort.
- Continually improving as independent learners.
- Engaging in extracurricular opportunities that encourage personal and academic growth.
- Reflecting critically upon feedback and applying these lessons to meet future challenges.

LEARNER SUPPORT

SRSU GRADUATE CENTER

The Graduate Student Center, located in BAB 104, provides resources and services for all SRSU graduate students. There is a computer lab with desktop computers and a networked printer/copier/scanner; laptop computers which can be checked out; a projector and screen for rehearsing student presentations; and a conference room for group study. Both Alpine and distance education students can receive writing and other assistance by calling 432-837-8524.

BLACKBOARD

Our new 24/7 Blackboard online support desk and toll free hotline are set to debut next Monday, **May 18th, the Blackboard online support desk toll free number will go live and will be made available to SRSU faculty and students to begin using immediately for any Blackboard technical support issues.**

SRSU 24/7 Blackboard Technical Support

Online Support Desk Contact Info:

Toll Free: 888.837.6055

Email: blackboardsupport@sulross.edu

MCGRAW HILL CONNECT

If you have any technical issues or questions, please contact McGraw-Hill's Customer Experience Group at 1-800-331-5094.

SRSU DISABILITY SERVICES

The University is committed to equal access in compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. The Disability Services Coordinator in Counseling and Student Support Services has the responsibility to ensure students with disabilities the opportunity for full participation in programs, services and activities. Students seeking disability services need to contact the Disability Services Coordinator located in the University Center Room 211. The mailing address is PO Box C-171, Sul Ross State University, Alpine, Texas 79832. The telephone is 432- 837-8178; fax is 432-837- 8724.