



HHPK 417.02W: Measurement & Evaluation
Summer I 2023; June 5-July 6
Section 01W; 3 semester hours

Professor: Dr. Sarah M. Mitchell, PhD, ATC, LAT

Office Location: Nursing & Health Sciences #116

Office Hours: Virtual By Appointment

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Preferred Form of Communication: Email

Communication Response Time: 24-48 hours

COURSE INFORMATION

Textbook(s) Required: Required: Morrow, J., Mood, D., Disch, J., and Kang, M.. (2016)
Measurement and Evaluation in Human Performance, 5th edition. Human Kinetics:
Champaign, IL.

Course Description

This course is intended to address the current practices in conducting data-based measurement and evaluation processes. Specifically, this course will examine statistical techniques necessary for manipulation and interpretation of various performance data. Prerequisites: Prerequisites: MATH 1314 (with a minimum grade of C) or 141 (with a minimum grade of C) or 175 (with a minimum grade of C) or 179 (with a minimum grade of C) and junior or senior standing, 2.5 GPA.

Student Learning Outcomes

1. Identify the relations between measurement concepts and basic statistics.
2. Apply and demonstrate basic statistics for a set of test scores and interpret the scores in a meaningful way.
3. Differentiate methods of validity and reliability evidences of health-related measures.
4. Design or evaluate the various measurements or test settings and conduct evidence-based practice in exercise and sport science, physical education, and health fields.

The syllabus/schedule are subject to change.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Students must have working knowledge of and know how to use the MyLeo Online: D2L Brightspace learning management system, and Microsoft Word/Excel/PowerPoint. Students must utilize their University assigned email (Leo mail) for all course communications. All email communication from the instructor will be sent to the student's Leo mail.

Student Responsibilities or Tips for Success in the Course

Students can expect to do well in this course when they attend class on-time, complete all assignments/quizzes/exams, participate in class discussions, and seek assistance when they do not understand course material. Students should also utilize the course resources provided through D2L, such as, course lecture notes, assignments, and course information. Some assignments, quizzes, and exams throughout this course will require using D2L. It is the students responsibly to have internet access, check this site frequently, and become familiar with how it works.

GRADING

Each assignment will be worth a pre-determined amount of points. Upon the completion of the course, grades will be calculated by adding up the total number of points each student has earned and dividing it by the total amount of points available in the course. This will produce a percentage of points earned (Ex. Student earned 850 points out a possible 1000 in the course: $850/1000 = 85\%$ "B"). Grades will be assigned based upon the percentages below.

| | |
|---|----------------|
| Class Participation Activities: 100 pts | Grading Scale: |
| Quizzes/Assignments: 100 pts | A = 90-100% |
| Exams: 4 @ 100 pts each | B = 80-89% |
| Total Points = 600 | C = 70-79% |
| | D = 60-69% |
| | F = 0-50 |

Students are expected to earn points toward their final grade during the course of the semester with the assignments and tests that are scheduled. Extra Credit Assignments WILL NOT be given at the end of the semester. All students are graded based on the exact same criteria and no exceptions will be made for individual assignments, tests, or final point values.

Students will receive back all graded assignments in a timely manner (typically within 1 week of the due date). Students are encouraged to keep all graded assignments as well as keep up with their grades throughout the semester. Any questions or concerns about assignments/grades should be brought to the instructor's attention immediately (i.e. Do not wait until the end of the semester)

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Assessments

Class Participation Activities

These activities will be incorporated into the lectures posted in D2L. Some may be in a format similar to a quiz or discussion.

Quizzes/Assignments

Quizzes may be short answer, multiple choice, true/false, listing, etc, and will be online on D2L each week. Some quizzes may require the completion of an assignment before the quiz or submission of the assignment. Quizzes will be due Friday at 11:59p each week. Quizzes must be completed during the specified dates each week.

Exams

Four written exams will be given. The format shall include any of the following: short answer, essay, fill in the blank, multiple choice, true/false, and/or listing type questions. All exams will be on D2L. Exams must be taken on the designated exam window. No make-up exams will be allowed unless prior arrangements have been made with the instructor. Under certain circumstances (situations out of your control), make-ups will be allowed at the instructor's discretion. Students are required to contact the instructor ASAP if they happen to miss an exam and may be required to provide written documentation.

TECHNOLOGY REQUIREMENTS – LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

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COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here: <https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

Email is the best way to contact the instructor if you need assistance with any aspect of the course. Instructor will typically respond to emails within 24-48 hours (except on weekends). Students are also welcome to utilize instructor's office hours if they prefer a face to face conversation.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Attendance

This is an online course. All assignments have deadlines which must be met; however, you can submit any assignment at any time before the deadline. It is the student's responsibility to be aware of assignment due dates that are posted on D2L. In the case of missing deadlines due to unavoidable or emergency situations, or illness (including Covid), the student must promptly notify the instructor via email explaining the circumstances. Prompt notification (within three days) is required to have an absence excused; additionally, written documentation may be required to have the absence excused. Assignment deadlines may be modified for students with excused absences. Technical and/or computer problems associated with D2L are not a valid excuse for turning in an assignment late. **NO LATE ASSIGNMENTS WILL BE GRADED**

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

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TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

AI Tools

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course. Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Like an encyclopedia or a dictionary or Wikipedia, AI tools can be used to begin the process of writing; in other words, it is a tool for preliminary research, not a reliable source. Preliminary research assists writers in learning the basics about a topic so that they can research the specifics using credible, academic sources which can be cited in the assignment. Thus, AI is used to generate ideas in the same way that a brainstorm or a Freewrite is used in the prewriting stage of the writing process. While no one would drop a brainstorm into a formal document, the ideas that are generated from the brainstorm can be developed as part of a writing assignment. The same is true of AI. In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that

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provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact: **Office of Student Disability Resources and Services**, Texas A&M University-Commerce, Velma K. Waters Library Rm 162, Phone (903) 886-5150 or (903) 886-5835, Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

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COURSE OUTLINE / CALENDAR

| | Class Lecture | Reading Assignment | Assignments | Due Date |
|-----------|--|--------------------|-----------------------------------|-----------------------------------|
| Section 1 | Intro & Syllabus | | Intro Discussion | Section 1 due: June 13, 11:59p |
| | Intro to Tests & Measurements in Human Performance | Ch 1 | Chapter 1 Questions | |
| | Basic Statistical Concepts | Ch 2 | Chapter 2 Discussion | |
| | | | Quiz 1 | |
| | Descriptive Stats & the Normal Distribution | Ch 3 | Assignment 1 | |
| | | | Quiz 2 | |
| | | | Chapter 3 Questions | |
| | Exam # 1 (covers Ch 1-3) | | | |
| Section 2 | Correlation & Prediction | Ch 4 | Quiz 3 | Section 2 due: June 20, 11:59p |
| | | | Chapter 4 Questions | |
| | Inferential Stats | Ch 5 | Quiz 4 | |
| | | | Quiz 5 | |
| | | | Chapter 5 Questions | |
| | Exam #2 (Covers Ch 4-5) | | | |
| Section 3 | Reliability & Validity | Ch 6, 7 | Quiz 6 | Section 3 due: June 27, 11:59p |
| | | | Quiz 7 | |
| | Developing Written Tests & Surveys | Ch 8 | Survey Assignment | |
| | | | Writing Exam Questions Assignment | |
| | Exam #3 (Covers Ch 6-8) | | | |
| Section 4 | Physical Fitness Assessment - Adults | Ch 9 | Quiz 8 | Section 4 due: July 5, 11:59p |
| | Physical Fitness Assessment - Youth | Ch 10 | Physical Activity Discussion | |
| | Assessment of Sports Skills & Motor Abilities | Ch 11 | Quiz 9 | |
| | | | Sport Skills Discussion | |
| | Qualitative Methods and Surveys | Ch 12 | Quiz 10 | |
| | Classroom Grading & Performance Based Assessment | Ch 13, 14 | Chapter 12 Questions | |
| | Exam #4 (covers Ch 9-14) | | | |

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