



KINE 5312
Advanced Human Nutrition
Spring 2024 - Online

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<https://calendly.com/drmoody/advising>

Permanent link to syllabus: <https://srinfo.sulross.edu/fs/9798>

Required Textbook:

Title: Nutrition for Health, Fitness, and Sport 12th edition
Author: Williams
Publisher: McGraw-Hill Education
ISBN: 9781260258974

For this course you will be required to purchase **McGraw-Hill Education Connect® access** for Nutrition for Health, Fitness, and Sport 12th ed. by Williams, Rawson, and Branch.

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. A print-upgrade option is available via Connect if you would like a print companion to support your digital text access. 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-reviewed, scholarly articles. For assistance, *Ask the Library* or contact the *Graduate Student Center* for help.

COURSE DESCRIPTION

The content of this course will be focused on the metabolism of food by various tissues of the body and its relation to exercise. The role of diet in the development and treatment of some chronic diseases will be discussed along with the application of nutritional principles to enhance overall lifestyles. This course provides an integrated overview of the physiological requirements and functions of energy and the major vitamins and minerals that are determinants of health and diseases in human populations.

STUDENT LEARNING OUTCOMES

- A. The student will understand the metabolism of foods and the role of nutrients in various tissues of the human body.
- B. The student will understand the changes in the metabolism of foods due to acute and chronic exercise, and the role of nutrition as an ergogenic aid for athletic performance.
- C. The student will be able to interpret food labels and grams/servings.
- D. The student will understand ACSM recommendations for energy nutrients.
- E. The student will understand the changes in body composition as a result of some dietary regimens.
- F. The student will understand the role of diet in the development and treatment of some chronic diseases.

EXPECTATION OF STUDENTS

Students are responsible for keeping up with reading and SmartBook assignments by due dates. The assigned chapters and/or other posted readings must be completed in order to contribute to online discussions. Handouts distributed through Blackboard should be saved for reference during the course and later for comprehensive exams.

DISTANCE EDUCATION STATEMENT

Students enrolled in distance education courses have equal access to the university's academic support services, such as Smarthinking, library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU Website.

Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard or designated platform, which requires secure login information to verify students' identities and to protect students' information. The procedures for filing a student complaint are included in the student handbook.

Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU Website.

LATE WORK POLICY

All coursework must be submitted by the provided due dates in Blackboard or Connect. LearnSmart readings must be completed by the due date for credit – no exceptions. All other 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 and acceptance.

ALL COURSE REQUIREMENTS DEADLINE

Due to the time requirement for grading purposes, all course requirements must be submitted/completed by the 'Course Requirements Deadline' by Wednesday in Week 8 at 11:59pm CST 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.

PROGRAM LEARNING OUTCOMES & MARKETABLE SKILLS

This course is aligned with the following program learning outcomes & marketable skills:

- HHP Content Knowledge: Students in the HHP program will demonstrate content knowledge in exercise physiology, nutrition, sports law, tests and measurements,

research methods, motor learning, group dynamics and health and human behavior necessary for successful performance in their field.

- Critical Thinking/Problem Solving: Exercise sound reasoning to analyze issues, make decisions, and overcome problems. The individual is able to obtain, interpret, and use knowledge, facts, and data in this process, and may demonstrate originality and inventiveness.
- Oral/Written Communications: Articulate thoughts and ideas clearly and effectively in written and oral forms to persons inside and outside of the organization. The individual has public speaking skills; is able to express ideas to others; and can write/edit memos, letters, and complex technical reports clearly and effectively.

METHODS OF EVALUATION

Outcome Measure	Points Per Item	Number of Items	Available Points	Percentage of Grade
Connect\Smartbook Chapter Readings	19-20	13	250	25%
Connect Tests	50	3	150	15%
Discussion	50	4	200	20%
Assignments	50	4	200	20%
Final Project/Presentation	200	1	200	20%
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.*

COURSE REQUIREMENTS

Connect SmartBook

-250 points total; 19-20 points per chapter

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

-150 points total; 50 points per quiz

There will be three quizzes throughout the semester that will assess your knowledge of the corresponding LearnSmart assignments. Each quiz contains a mixture of information from the various chapters assigned. The quizzes will consist of multiple choice and true/false questions.

Discussions – 200pts total

-50 points each; 40 points for post / 5 points for each 'response'

There will be a set of discussion prompts to choose from within the week in which an assignment is due. To create a thread, you click on the hyperlink to the discussion and then click on "create a new thread". Put a short title and the week number in the subject line (e.g. Macronutrient aspects to sports nutrition-Week 3). Please only respond directly in the message area, no attachments unless requested.

'Response' = "Applied"

Under each discussion post you must read and respond to one of your classmate's original discussion post. Each response is worth up to 10 points. Responses are due 48hrs after the original discussion due date.

The response must be at least 100 words and 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, an "applied" response would discuss the content in a new way – including but not limited to: adding to the discussion with further information you find (cite your source), describing application to sports, health or performance, as well as providing constructive criticism / a different viewpoint. Responses should be professional and academic responses and not chat room or informal language. To respond to another's post, click on their post and then choose a reply. Title the subject of your response with your "Last name" and "response to Authors Last Name Week 3 post" (eg. Moody's response to Henderson's Week 3 post).

Assignments- 200 points total

50 points per assignment

The assignments assigned will provide a real-world / practical application of the course content. There will be assignments throughout the semester that will focus on specific topics covered in the text. Some assignments will be provided through the McGraw Hill Connect platform.

Final Project-200 points total

This Final Project will require an in-depth application of knowledge gained throughout the course in relation to the Student Learn Outcomes stated previously in the syllabus. For detailed instructions on this assignment refer to Week 8 in Blackboard.

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.
- 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 :)

TENTATIVE COURSE CALENDAR
Spring 2024
Advanced Human Nutrition

Week	Dates	Content	Due
1	3/18-3/24	<ul style="list-style-type: none"> ● SmartBook Ch. 1-3 <ul style="list-style-type: none"> ○ Ch 1 Nutr for Health, Fitness and Sports Performance ○ Ch 2 Nutr for Fitness and Sport ○ Ch 3 Human Energy 	1st Task Due 3/20 Discussion #1 Assignment #1
2	3/25-3/31	<ul style="list-style-type: none"> ● SmartBook Ch. 4-5 <ul style="list-style-type: none"> ○ Ch 4 Carbohydrates ○ Ch 5 Fat 	Test #1 - Ch. 1-3
3	4/1-4/7	<ul style="list-style-type: none"> ● SmartBook Ch. 6-7 <ul style="list-style-type: none"> ○ Ch 6 Protein ○ Ch 7 Vitamins 	Discussion #2 Assignment #2
4	4/8-4/14	<ul style="list-style-type: none"> ● SmartBook Ch. 8-9 <ul style="list-style-type: none"> ○ Ch 8 Minerals ○ Ch 9 Water, Electrolytes, Temperature 	Test #2 - Ch. 4-9
5	4/15-4/21	<ul style="list-style-type: none"> ● SmartBook Ch. 10-11 <ul style="list-style-type: none"> ○ Ch 10 Body Wt. & Composition ○ Ch 11 Wt Management 	Discussion #3 Assignment #3
6	4/22-4/28	<ul style="list-style-type: none"> ● SmartBook Ch. 12-13 <ul style="list-style-type: none"> ○ Ch 12 Wt Gain ○ Ch 13 Supplements & Ergogenic Aids 	Test #3 - Ch. 10-13
7	4/29-5/5	<ul style="list-style-type: none"> ● Begin Final Project 	Discussion #4 Assignment #4
8	5/6-5/8	<ul style="list-style-type: none"> ● Save all work for Comps. 	Final Project Presentation

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

There is a new 24/7 Blackboard online support desk and toll free hotline. The Blackboard online support desk toll free number is available to SRSU faculty and students to use 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.

STUDENT COUNSELING:

Sul Ross State University Counseling Services have partnered with TimelyCare, an online mental health support platform and all SR students will have access to nine free Counseling sessions by visiting www.timelycare.com/SRSU

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.

ACADEMIC DISHONESTY OR MISCONDUCT

Sul Ross State University is committed to the highest standards of integrity and ethical conduct. Participating in behavior that violates academic integrity (plagiarism, etc.) will result in disciplinary action and may include: receiving a failing grade for the assignment, failing the course, and suspension and/or dismissal from the University.

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>

Join the class GroupMe - SR Adv Nurt SP24

https://groupme.com/join_group/98379467/LXDIacyZ

