



## **HHPH 331-01E: Nutrition**

COURSE SYLLABUS: Fall 2025

### **INSTRUCTOR INFORMATION**

**Instructor:** Katharine Halfacre, PhD

**Office Location:** NHS 135

**Office Hours:** MWF 11:00 AM – 12:00 PM; Tuesday (Virtual) 2:00 PM – 4:00 PM

**Office Phone:** 903-886-5549

**University Email Address:** [Katharine.Halfacre@etamu.edu](mailto:Katharine.Halfacre@etamu.edu)

**Preferred Form of Communication:** Email

**Communication Response Time:** 24 – 48 hours

### **COURSE INFORMATION**

Materials – Textbooks, Readings, Supplementary Readings

#### **Textbook(s) Required:**

Whitney, E. & Rolfes, S.R. (2022). *Understanding Nutrition* (16<sup>th</sup> ed.). Cengage. Access at <https://www.cengage.com/c/understanding-nutrition-16ewhitneyrolfes/9780357447512/>

#### **Course Description:**

This basic nutrition science course introduces you to the relationship of food, its nutrients, and other components to health and human performance. Topics covered include the biological functions and food sources of each nutrient; nutrition guidelines; digestion and absorption of nutrients; nutrition throughout the lifecycle; food safety and technology; energy balance and weight management; and physical activity/athletic performance.

#### **Student Learning Outcomes**

1. Define a nutrient and an essential nutrient and list the six classes of nutrients found in foods.

*The syllabus/schedule are subject to change.*

2. State the nutrients that yield energy, how much energy they yield per gram and how energy is measured.
3. Calculate the number of calories consumed and establish percent of intake for the macronutrients.
4. Define the DRI and discuss whom the DRI applies to and how to use the DRI.
5. List the principles for diet-planning and describe the Dietary Guidelines for Americans.
6. Describe the digestion and absorption of nutrients.
7. Describe issues involved with absorption of nutrients and possible solutions.
8. Distinguish between macronutrients and their nutritional pathways.
9. Define metabolism, anabolism, and catabolism; give an example of each.
10. Define hunger, appetite, satiation and satiety and describe how each influence food intake.
11. List risk associated with deficient and excessive food intake.
12. Discuss reasonable dietary strategies for achieving and maintaining a healthy body weight.
13. Describe the benefits of physical activity to the human body.
14. List the fat-soluble, water-soluble vitamins, major and trace minerals and their functions in the human body.
15. List the major diet-related risk factors for select disease states.

## **COURSE REQUIREMENTS**

### **Minimal Technical Skills Needed**

Ability to utilize D2L, word processing, presentation, and database software; ability to utilize university email

*The syllabus/schedule are subject to change.*

## **Instructional Methods**

We will review various nutritional topics and the role of nutrition in health and human performance. Instructional activities will include discussions, knowledge application activities, quizzes and exams, and projects.

## **Student Responsibilities or Tips for Success in the Course**

This is a college, junior-level course which will require students to be disciplined, motivated, and professional. Attendance, attentiveness, and quality of work should reflect that students are in professional preparation. You should plan to dedicate about nine hours of effort each week to succeed in this course. This time will be committed to reading the course text, attending lectures, and completing assignments. You are expected to read the course material so that you are prepared to have detailed discussions in forums on D2L

### **Attendance:**

You are expected to participate in class activities. Attendance will not be awarded credit. However, it is necessary to complete graded assignments. Given the online format of this course, attendance is evaluated according to completed work and participation in discussion forums. For more information regarding ETAMU attendance policies, view the resources listed later in this document.

## **GRADING**

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Total points corresponding to the final letter grades:

A = 832 – 925 Points

B = 740 – 831 Points

C = 647 – 739 Points

D = 555 – 646 Points

F = < 555 Points

Point values of the assessments in the calculation of the final letter grade:

*The syllabus/schedule are subject to change.*

Syllabus Quiz	50 points
Chapter Quizzes	150 points
Diet Debate	75 points
SNAP Challenge	75 points
Dietary Analysis	100 points
Micronutrient Presentation	150 points
Exams	400 points
<hr/>	
<b>Total Possible Points</b>	<b>1,000 points</b>

### **Assessments**

**Syllabus Quiz:**

Students will confirm their understanding of the syllabus by completing a syllabus quiz. They will have unlimited attempts. A score of 100% is required.

**Chapter Quizzes:**

Quizzes will be conducted to assess knowledge of the chapters in the text.

**Food Choices Debate:**

Students will work in groups to debate the merits and detriments of government involvement in Americans' daily food choices. Groups will be assigned a position on the topic (positive/negative) and will be tasked with developing arguments accordingly. More information such as detailed instructions, rubrics, and debate structure will be described during the semester in D2L and in class.

**SNAP Challenge:**

Students will produce a one-day meal plan that adheres to the budget associated with SNAP benefits. Students will analyze this process and reflect upon their experience. Specifics related to rubrics, topics, and instructions will be provided during the semester in D2L and in class.

**Dietary Analysis:**

Students will record a 3-day food journal, enter it into an online software, and produce an analysis of their diet. Students will calculate their energy and nutrient needs. Students will reflect on their dietary habits and results from their dietary analysis. Specifics related to rubrics, topics, and instructions will be provided during the semester in D2L and in class.

**Micronutrient Project:**

*The syllabus/schedule are subject to change.*

Students will select a micronutrient from a list that will be provided. Students will research their topic and prepare a presentation to deliver to the class. Presentations should provide a detailed summarization of the information related to the topic. Specifics related to rubrics, topics, and instructions will be provided during the semester in D2L.

**Exams:**

Four exams will be conducted during this course to assess knowledge of topics covered during the semester. The final exam will not be comprehensive. Specific details will be provided during the semester in D2L.

## **TECHNOLOGY REQUIREMENTS**

### **LMS**

All course sections offered by East Texas A&M University 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](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/enus/articles/115007031107-Basic-SystemRequirements>

## **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@ETAMU.edu](mailto:helpdesk@ETAMU.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 ETAMU campus open computer lab, etc.

*The syllabus/schedule are subject to change.*

## 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

Students can expect a response to contact (email preferred) within 48 hours. Generally, the instructor will attempt to respond to contact as soon as possible. Assignments will be graded and posted in a timely manner. Office hours are posted and appointments should be scheduled during those times.

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### Course Specific Procedures/Policies

**Electronic Devices & Acceptable Use Policy:** Cell phones and other electronic devices should be silenced and put away upon entry into the classroom. This practice ensures that your electronic devices will not be a distraction. You should only use electronic devices to take notes or for relevant class activities. There will be no penalty for utilizing your cell phone or other electronic devices in a manner that does not impact the learning environment for others. Students who negatively impact the learning environment may be asked to leave the classroom, if necessary, and will not receive credit for missed work. Photos, video, or any other type of recording may not be taken in class without prior expressed written consent of every individual who may appear in such recordings. With respect to online activities, the use of cell phones and other electronic devices is strictly prohibited during quizzes and exams.

**Artificial Intelligence:** Intellectual honesty is vital to an academic community and for my fair evaluation of your work. All work submitted in this course must be your own, completed in accordance with the University's academic regulations. You may not engage in unauthorized collaboration or make use of ChatGPT or other AI composition software.

*The syllabus/schedule are subject to change.*

## **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.ETAMU.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>

### **ETAMU Attendance**

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

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

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

### **Academic Integrity**

Students at East Texas A&M University 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.ETAMU.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

<http://www.ETAMU.edu/academics/graduateschool/faculty/GraduateStudentAcademicDis>

*The syllabus/schedule are subject to change.*

[honestyFormold.pdf](#)

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

### **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 provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

#### **Office of Student Disability Resources and Services**

East Texas A&M University

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [studentdisabilityservices@ETAMU.edu](mailto:studentdisabilityservices@ETAMU.edu)

Website: [Office of Student Disability Resources and Services](#)

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

### **Mental Health and Well-Being**

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



*The syllabus/schedule are subject to change.*

## **Nondiscrimination Notice**

East Texas A&M University 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 East Texas A&M University 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 East Texas A&M University 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.ETAMU.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903886-5868 or 9-1-1.

## **East Texas A&M University Supports Students' Mental Health**

The Counseling Center at East Texas A&M University, 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.ETAMU.edu/counsel](http://www.ETAMU.edu/counsel)

*The syllabus/schedule are subject to change.*

<b>HHPH 331 Schedule</b>			
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>1</b>	Read	Syllabus Chapter 1: An Overview of Nutrition	<b>8/31</b>
	<b>Quiz</b>	<b>Syllabus Quiz</b> <b>Ch. 1 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>2</b>	Read	Ch. 2: Planning a Healthy Diet	<b>9/7</b>
	<b>Quiz</b>	<b>Ch. 2 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>3</b>	Read	Ch. 3: Digestion, Absorption, and Transport	<b>9/17</b>
	<b>Assignments</b>	<b>Diet Debate Preparation</b>	
	<b>Quiz</b>	<b>Ch. 3 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>4</b>	Read	Ch. 4: Carbohydrates	<b>9/21</b>
	<b>Assignments</b>	<b>Diet Debate Preparation</b>	
	<b>Quiz</b>	<b>Ch. 4 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>5</b>	<b>Assignments</b>	<b>Diet Debate Presentations</b>	<b>9/28</b>
	<b>Quiz</b>	<b>Exam 1 (Ch. 1-4)</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>6</b>	Read	Ch. 7: Energy Metabolism Ch. 8: Energy Balance and Body Composition	<b>10/5</b>
	<b>Quiz</b>	<b>Ch. 7 Quiz</b> <b>Ch. 8 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>7</b>	Read	Ch. 5: Lipids	<b>10/12</b>

*The syllabus/schedule are subject to change.*

	<b>Quiz</b>	<b>Ch. 5 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>8</b>	Read	Ch. 9: Weight Management	<b>10/19</b>
	<b>Quiz</b>	<b>Ch. 9 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>9</b>	Read	Ch. 6 Protein	<b>10/26</b>
	<b>Quiz</b>	<b>Ch. 6 Quiz</b> <b>Exam 2</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>10</b>	Read	Ch. 10: Water-Soluble Vitamins	<b>11/2</b>
	<b>Assignments</b>	<b>SNAP Challenge</b>	
	<b>Quiz</b>	<b>Ch. 10 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>11</b>	Read	Ch. 11: Fat Soluble Vitamins	<b>11/9</b>
	<b>Assignments</b>	<b>Dietary Analysis (Start)</b> <b>Micronutrient Project (Start)</b>	
	<b>Quiz</b>	<b>Ch. 11 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>12</b>	Read	Ch. 12: Water and Major Minerals	<b>11/16</b>
	<b>Assignments</b>	<b>Dietary Analysis (Due)</b> <b>Micronutrient Project (Progress)</b>	
	<b>Quiz</b>	<b>Ch. 12 Quiz</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>13</b>	<b>Read</b>	<b>Ch. 13: The Trace Minerals</b>	<b>11/23</b>
	<b>Quiz</b>	<b>Ch. 13 Quiz</b> <b>Exam 3 (Ch. 10-13)</b>	
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>14</b>	<b>Assignments</b>	<b>Micronutrient Presentations</b>	<b>11/24</b>
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>
<b>15</b>	<b>Assignments</b>	<b>Micronutrient Presentations</b>	<b>12/1</b>
<b>Week</b>	<b>Topics</b>	<b>Activities &amp; Assignments</b>	<b>Due Dates</b>

*The syllabus/schedule are subject to change.*

<b>16</b>	<b>Assignments</b>	<b>Micronutrient Presentations (make-up, if needed)</b>	<b>5/12 (8am-10am for presentations)</b>
	<b>Quiz</b>	<b>Final Exam</b>	

*The syllabus/schedule are subject to change.*