

**Course Syllabus**  
**HLTH 1322.0W3**  
**Human Nutrition**  
**The University of Texas at Dallas**

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**Course Information**

**Course**

*Course Number/Section* HLTH 1322.0W1-0W2  
*Course Title* Human Nutrition  
*Term* Spring 2016: January 11–May 9

**Professor Contact Information**

*Professor* Rachael McBride, MCN, RD/LD  
*Office Phone* 972 883 2323 (for messages only, not main communication route)  
*Email Address* [rlp019100@utdallas.edu](mailto:rlp019100@utdallas.edu)

**NOTE:** Enrolled students in the course should not use this email address to communicate about course issues. All course-related communication should occur within the eLearning course website, using the Course Messages tool.

*Office Location* N/A, professor teaches 100% online.

*Online Office Hours* as announced

*Other Information* The professor will typically answer course messages within 24 hours, Mon-Fri.

**NOTE:** All class-related correspondence should be sent with the eLearning class “Course Messages” tool. Do not use regular UTD email to correspond with the instructor about course-related issues. You will be referred back to eLearning.

**About the Instructor**

Rachael is a UTD lecturer for this online course. She is a Registered and Licensed Dietitian and completed a Master of Clinical Nutrition at UT Southwestern. Prior to becoming a Registered Dietitian, she worked for over a decade in addiction counseling. She also owns and operates a private practice in Dallas, specializing in nutrition counseling for eating disorders, weight management, sports nutrition, and vegetarian nutrition.

**Course Pre-requisites, Co-requisites, and/or Other Restrictions**

None.

**Course Description**

This is an introduction to the study of human nutrition. Topics will include classes, sources and functions of nutrients; as well as digestion, absorption and metabolism, with application to nutrition needs of normal life-cycle groups. Other nutrition related topics will be addressed, including sports nutrition, complementary and alternative medicine, eating disorders and food safety.

## Student Learning Objectives/Outcomes

### Course Objectives

*Upon completion of this course, students should be able to:*

- Identify the components of a healthy diet.
- Describe concepts of normal nutrition and nutrition balance.
- Apply nutritional principles in planning of a diet which promotes health.
- Discuss nutrients essential to life as well as their balance recommended for the preservation of health.
- Explain the processes of digestion, absorption and metabolism as they relate to the nutritional process.
- Describe the nature and function of each of the energy nutrients.
- Recognize, differentiate and identify the role of vitamins, minerals and fluids in maintaining health and describe deficiency/toxicity states, as well as major food sources of these nutrients.
- Compare the differences in nutritional needs at various stages of the life cycle, including pregnancy, lactation, infancy, childhood, adolescence and elderly adulthood, and describe how nutrition and lifestyle choices impact the life cycle.
- Recognize and discuss the relationship of exercise to nutrition balance and overall health maintenance.
- Assess the scientific validity of nutritional claims and information and identify claims, practices and products which may be intentionally misleading or fraudulent.
- Assess nutritional value of dietary intake and foods through dietary analysis and interpretation of food labels compared with appropriate Dietary Reference Intakes.

### Required Textbooks and Materials

#### *Required Text*

*Nutrition* (Fifth Edition). P. Insel, D. Ross, K. McMahon and M. Bernstein (2014). Jones & Bartlett Learning. ISBN 978-1-4496-4924-1.

You may purchase or rent the hardcover text or rent the digital version of the text. Each new and digitally-rented text includes access to the digital *Student Study Guide to Accompany Nutrition*, (5<sup>th</sup> ed.), ExpressPDF Version. The guide follows each chapter's topics and offers fill-in-the-blank questions and summaries so students can test themselves on concepts presented in each chapter. The study guide is an optional resource access and is not included with the purchase of a used textbook. If you have a used textbook and want to purchase this online study tool, you may go to:

<http://www.jblearning.com/catalog/9781449694784/>. The description is: *Student Study Guide to Accompany Nutrition*, Fifth Edition. ISBN-13:9781449694784.

The textbook can be ordered online through [Off-Campus Books](#) or the [UTD Bookstore](#). It also available in stock at both bookstores for purchase or rental. The textbook can be digitally rented through CourseSmart.com at <http://www.coursesmart.com/9781284033656>

### **Other Required Materials**

Additional readings from websites related to course objectives-related occasionally are assigned and available through a Links folder located within the Learning Module/Chapter.

### **Suggested Course Materials**

There is a recommended free public access companion website to the course text at <http://nutrition.jbpub.com/nutrition5/> and free digital access to nutrition science animations at <http://nutrition.jbpub.com/resources/animations.cfm>

### **Technical Requirements**

In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements for the course at <http://www.utdallas.edu/elearning/students/getting-started.html#techreqs> which is part of the *Getting Started with eLearning* webpage <http://www.utdallas.edu/elearning/students/getting-started.html>

### **Student Responsibilities for Technical Requirements of Course and eLearning Assessments**

Students assume complete responsibility for using compatible and reliable computers and networks for course assessments, especially for timed quizzes and exams. Time extensions, re-setting of exams and other accommodations are **not** provided in the event of failures related to user error, computer systems and networks used by students. **Students should use hard-wired internet connections for all exams.** Wireless networks in general, including CometNet, are **not** adequately reliable for exam taking. UTD computer labs with LockDown Browser installed on computers are strongly recommended for exam taking because they offer the highest reliability of all systems. The two on-campus labs with LockDown Browser are: 1) Jindal School of Management Lab and 2) Sonora Lab located in the McDermott Library. Please note computer lab staff do not provide LockDown Browser technical support. All technical support related to LockDown Browser is provided by the eLearning Help Desk.

### **Course Access and Navigation**

The course can be accessed using the UT Dallas NetID account at: <https://elearning.utdallas.edu>. Please see the course access and navigation section of the site for more information <http://www.utdallas.edu/elearning/students/getting-started.html#courseaccessandnav>. To become familiar with the eLearning tool, please see the Student eLearning Tutorials <http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html>. UT Dallas provides eLearning technical support 24 hours a day/7 days a week. The eLearning Support Center <http://www.utdallas.edu/elearninghelp> services include a toll free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.

### **Communication**

The course utilizes online tools for interaction and communication. For more details, please visit the eLearning Tutorial page <http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html> for video demonstrations on eLearning tools.

## **Interaction and Communication with Instructor**

The instructor will mainly communicate with students as a group within the course using the eLearning **Course Announcements** tool.

Students should send individual concerns or questions to the instructor using the eLearning **Course Messages** tool. The instructor will reply to student messages within 2 working days (M-F) under normal circumstances. Students should use business-like courtesy and respect when communicating with the instructor. Casual texting language and abbreviations are not appropriate. Students should *not* use regular UTDallas Outlook email to communicate about the course. All concerns and questions related to eLearning technical function or support should be directed to the eLearning Help Desk at the toll free number displayed at the header of each eLearning webpage (1-866-588-3192), **not** to the instructor. The eLearning Support Center services also include email request service and an online chat service <http://www.utdallas.edu/elearninghelp>.

## **Student Resources**

Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the eLearning Current Students page <http://www.utdallas.edu/elearning/students/cstudents.htm> for details.

## **Server Unavailability or Other Technical Difficulties**

The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected UTD server outage or eLearning-caused technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the online eLearning Help Desk <http://www.utdallas.edu/elearninghelp>. The instructor and the eLearning Help Desk will work with the student to resolve any eLearning-caused issues at the earliest possible time.

## **Course Calendar**

The Course Calendar with Topics Schedule, Assessments and Activities and Due Dates is on the following two pages. A separate Course Calendar Document is available at the Course Calendar link in the Tool Bar area of the Course eLearning website. Students are encouraged to download the Course Calendar and refer to it regularly to stay current with all course activities and assessments.

## HLTH 1322 Human Nutrition Course Calendar Spring 2016 (Page 1 of 2)

WEEK/ DATES	TOPIC/LECTURE	TEXT CHAPTER	ASSESSMENT / ACTIVITY	DUE DATE
1 1/11—1/17	Course Access and Self-Orientation <i>Course Introduction &amp; Syllabus Slideshow</i> Ch. 1: Nutrients & Nourishment	1	Assign 1: Syllabus Quiz	1/17
2 1/19-1/24 (1/18: MLK Holiday)	Ch. 2: Nutrition Guidelines & Assessment <b>Spotlight 1:</b> Complementary and Alternative Nutrition	2  Spotlight on CAN	Assign 2: Ch. 1 & 2  Group Discussion 1	1/24  1/24
3 1/25-1/31	Ch. 3 Digestion & Absorption <b>EXAM 1</b> over Ch. 1-3 & Spotlight on CAN	3	Assign. 3-Timed Quiz: Ch.3 Digestion  EXAM 1	1/31  <b>EXAM 1: 1/29-1/30</b>
4 2/1-2/7	Ch. 4-Carbohydrates	4	Group Discussion 2 Assign 4: Ch. 4	2/7 2/7
5 2/8-2/14	Ch. 5 Lipids Ch. 6 Protein	5 6	Assign 5-Timed Quiz: Ch. 5	2/14
6 2/15-2/21	Ch. 6 Protein, <i>continued</i> <b>EXAM 2</b> , over Ch. 4-6	6	Group Discussion 3 EXAM 2	2/21  <b>EXAM 2: 2/19-2/20</b>
7 2/22-2/28	Ch. 7 Alcohol Ch. 8 Metabolism	7 8	Assign. 6-Timed Quiz: Ch. 7 and 8	2/28
8 2/29-3/6	Ch. 8 Metabolism <i>continued</i> Ch. 9 Energy Balance & Wt. Mgt; <b>Spotlight 2:</b> Obesity	8 9	Group Discussion 4	3/6
9 3/7-3/13	Ch. 10: Fat Soluble Vitamins <b>EXAM 3</b> , over Ch. 7-10	10	*EXAM 3 *note exam to be taken Thurs-Fri, NOT Fri-Sat.	<b>*EXAM 3: 3/10-3/11</b> <i>*Exam open Thurs &amp; Fri, <u>not</u> Fri &amp; Sat.</i>

## HLTH 1322 Nutrition Course Calendar Spring 2016 (Page 2 of 2)

WEEK/ DATES	TOPIC/LECTURE	TEXT CHAPTER	ASSESSMENT / ACTIVITY	DUE DATE
3/14-3/20	<b>SPRING BREAK</b>			
10 3/21-3/27	Ch. 11: Water Soluble Vitamins	11	Assign 7: Ch. 11 <i>Dietary Intake Record and Analysis Project Materials are open</i>	3/27  <i>Project due 4/17</i>
11 3/28-4/3	Ch. 12: Water & Major Minerals Ch. 13: Trace Minerals	12 13	Assign. 8-Timed Quiz: Ch. 12 & Ch. 13  <i>Dietary Intake Record and Analysis Project Materials are open</i>	4/3  <i>Project due 4/17</i>
12 4/4-4/10	Ch. 14: Sports Nutrition <b>EXAM 4</b> over Ch. 11-14	14	Group Discussion 5 EXAM 4 <i>Dietary Intake Record and Analysis Project Materials are open</i>	4/10  <b>EXAM 4: 4/8-4/9</b> <i>Project due 4/17</i>
13 4/11-4/17	Ch. 15: Diet & Health Ch. 16: Life Cycle- Maternal & Infant Nutrition	15 16	Assign. 9: Ch. 15 & 16 <i>Dietary Intake Record and Analysis Project Materials are open</i>	4/17  <i>Project due 4/17</i>
14 4/18-4/24	<b>Spotlight 3:</b> Eating Disorders Ch. 17: Life Cycle-Childhood to Adulthood <b>EXAM 5</b> over Ch. 15-17 & Eating Disorders	Spotlight on Eating Disorders 17	Group Discussion 6 Assign. 10-Timed Quiz: Ch. 17 EXAM 5	4/24   <b>EXAM 5: 4/22-4/23</b>
15 4/25-5/1	Ch. 18: Food Safety	18	Group Discussion 7	5/1
16 <b>FINAL EXAMS</b> 5/3-5/9	<i>Univ. Reading Day: 5/2</i> <b>Comprehensive Course Final Exam: Take on 5/4 OR 5/7</b>	<b>Comprehensive Exam: Ch. 1-18</b>	<b>*Comprehensive Final</b> <b>*OPTIONAL IF ALL 5 MODULE EXAMS TAKEN</b>	<b>Take Final on 5/4 OR 5/7</b>

## Grading Policy

Graded assessments will determine the course grade as follows:

Five Module Exams and Comprehensive Final Exam (lowest of the six grades is dropped)	50 %
Ten Lecture-Chapter Related Assignments	25 %
Dietary Intake Analysis Project	15 %
Seven Group Discussions-Participation	10 %
Total	100 %

## Grading Scale

<i>Scaled Score</i>	<i>Letter Equivalent</i>
93 and above	A
90 - 92	A-
87 - 89	B+
83 - 86	B
80 - 82	B-
77 - 79	C+
73 - 76	C
70 - 72	C-
60 -69	D
59 and less	F

Course averages with partial point values of .45 or greater will be rounded to the next highest point. Extra points are not awarded beyond this level and extra-credit activities are not provided.

## Accessing Grades

Students can check their grades by clicking “My Grades” on the course menu after the grade for each assessment task is released.

## Student Assessments

### Assignments

Ten assignments will be completed which relate to material covered in chapters, including lectures, the course textbook and course-related websites. A syllabus quiz is included as the first assignment, and must be submitted before access to the rest of the course is allowed. Assignments will follow a fill-in-the-blank and short answer format or a timed quiz format. Assignment grades will cumulatively contribute to 25% of course grade. Assignments are generally available for defined one week timeframes per the course calendar.

### Special Project

A Dietary Intake Record and Analysis Project will be assigned, with its grade contributing to 15% of the course grade. Its availability and due date are specified in the course calendar.

### Turnitin eLearning Assignment and Project Submission Instructions

Some assignments are timed quizzes and others are short answer-based. The short answer-based assignments, as well as the special project will be submitted via the integrated plagiarism detection tool called TurnItIn. Students are expected to complete all assignments independently, relying only on their individual efforts. Each assignment document and its designated TurnItIn submission link is located in the Assignments folder of the course homepage and will be available to submit during specified timeframes. Click on the assignment's TurnItIn link and follow the on-screen instruction to view the assignment information and to submit your assignment. (Note: only one single file may be submitted. Assignments are to be submitted as Word document files.)

Students are completely responsible for confirming successful submission of TurnItIn submissions and re-submitting before the closing date if necessary. Students can return to the Turnitin assignment page to view their submission. Grading comments may be viewed by clicking on the "Gradermark" tab of the graded TurnItIn assignment. For more information and assistance with Turnitin, please go to: [http://www.turnitin.com/en\\_us/support/help-center](http://www.turnitin.com/en_us/support/help-center).

### Participation/Discussions

Each student will be assigned as a member of a discussion group within this course. During the course, there will be seven (7) scheduled group discussions on a topic related to the current week's lectures. Each student member of the discussion group should post an entry early in the week and provide comments on at least one other group member posting throughout the week. Group discussion postings are subjectively graded by the instructor for timeliness of posting, originality of content, thoughtful consideration of the topic, and quality of verbal expression.

### Online Module Exams

Module Exams are accessed by clicking the exam link in the designated Module Exams folder or within the Learning Module covered by the exam. Each exam is timed, and in multiple-choice format. The *Respondus LockDown Browser* program must be downloaded from the eLearning link and utilized to take each exam. Students have one allowed attempt and a specified amount of time to submit the completed exam. The exam timer will run continuously from the time the exam is begun. Please read the on-screen instructions carefully before you click "Begin". After each exam is graded and released, you may go to My Grades page and click the score link of the exam to view your grade. The submitted exam attempt is not released for student review to help preserve future exam integrity.



*Respondus LockDown Browser* is a secure browser for taking exams in this eLearning course. It prevents the computer user from printing, copying, going to another URL, or accessing other applications during a test. When an eLearning exam requires use of *Respondus LockDown Browser*, students cannot take the exam with any other web browser. To download *Respondus LockDown Browser*, please go to UT Dallas LockDown Browser webpage. <http://www.utdallas.edu/elearning/resources/lockdownbrowser.html>

### Online Comprehensive Final Examination

The final examination will cover all course content; it is cumulative, timed and in multiple choice format. It will be available during *two separate* 24-hour periods during the regular UTD final examinations schedule. The final exam is required if any one of the five regular module exams was missed. The final exam is *optional* for students who took all five of the regular module exams. Five exam grades (including the final exam if applicable) are calculated in the final course grade, with the lowest of the six exam grades being dropped. The grade of Zero (0) is entered for any exam which was not taken.

## Course Policies

### Exams

Module Exams are open for a 48 hour period, beginning Friday morning at 12 am and ending on Saturday night at 11:59 pm. A different timeframe (Thursday-Friday) is used for exams scheduled just before Spring or Fall Break. Please refer to course calendar for all exam dates.

### Missed Exams and Final Exam

There are five module exams in the course and a final exam, totaling six exams. Of the six exam grades, the lowest grade is dropped and the remaining five exam grades each contribute equally to course final grade determination. Students who take all five module exams may opt out of the comprehensive final exam. Students who take all five module exams and the final exam will have the lowest of the total of six exam grades dropped. Only the five highest exam grades are calculated in determination of the course final grade. *Students who miss a regular module exam will be assigned a grade of 0 for the missed exam and will be required to take the course final exam. The 0 grade for the missed exam will then be dropped in calculating course final grade.* Late exams are not provided.

### Assignments

Assignments are in the form of a timed eLearning quiz or a written short-answers document submitted via TurnItIn. The TurnItIn link for assignment submission is open for a defined one-week periods, from Monday through Sunday, with any exceptions of longer open dates noted in the course calendar when they occur. **NOTE:** All assignments are due by **11pm** of the due date.

### Late Assignments

Students can take assignment quizzes or submit written assignments up to 48 hours after the due date. (Use the provided TurnItIn link for written assignments.) The assignment will be marked as “late” and graded with a 50 point late penalty. Assignments are not accepted after the 48 hour “late window” timeframe.

### Special Project

A dietary intake record and analysis project will be open and available for submission during a four-week period during the second half of the semester.

### **Class Participation-Group Discussion**

Students are required to login regularly to the online class site and stay on schedule with assignments per the course calendar. Students are also required to participate in all class activities such as contributing to a group discussion board as members of an assigned discussion group. **Note:** Discussion postings must be submitted by 11pm of the closing date for the topic. Late postings are not accepted.

### **Extra Credit**

No extra credit will be earned in this course. Exceptions are not granted. See grading policy for course grade determination.

### **Virtual Classroom Citizenship**

The same guidelines that apply to traditional classes should be observed in the virtual classroom environment. Students are expected to use proper etiquette and courtesy when interacting with class members and professor. Casual texting abbreviations and style is not appropriate in the course.

### **Comet Creed**

*This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:*

*"As a Comet, I pledge honesty, integrity, and service in all that I do."*

### **UT Dallas Syllabus Policies and Procedures**

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

***The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.***