

COLLEGE OF HEALTH SCIENCES
DEPARTMENT OF FAMILY AND CONSUMER SCIENCES
FACS 4360-01: CLINICAL DIETETICS I
FALL SEMESTER 2017 - 3 CREDIT HOURS

Class Time: M/W 8:30-9:50 AM
Classroom: MLHB 302
Credit Hours: 3

Faculty: Simone Camel, PhD, RDN
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Office: MLHB 223
Office Hours: Tues 9-11 AM;
Wednesdays 10-12 AM & 1-2PM
Or by appointment

COURSE DESCRIPTION: The latest developments in dietary manipulations during disease and the application of the nutrition care process will be reviewed. Dietary applications as an intervention to affect recovery of individuals with illnesses will be explored. Nutrient adequacy, appropriateness of diet prescriptions, drug-nutrient interactions, assessment of the individual requirements with therapeutic diets will be the focus. Sociological, economic, emotional and psychological factors in feeding the sick will be included.

COURSE OBJECTIVES: Following the completion of this course, the student will:

- Show a working knowledge of pathophysiology, abnormal biochemistry and altered nutrient metabolism in various disease states.
- Students will demonstrate the ability to use appropriate medical terminology when discussing various disease states.
- Know and understand disease prevention guidelines for the major chronic diseases.
- Know and be able to discuss the principles of nutrition screening, assessment, nutrition diagnosis and medical nutrition therapy for various disease states (Nutrition Care Process).
- Be knowledgeable and apply medical nutrition therapy as it relates to nutrients, fluid, electrolyte needs and feeding techniques for altered disease states in humans with various diseases.
- Will demonstrate the ability to interpret and apply the nutrition care process and develop an appropriate nutrition care plan by completing case studies.
- Gain factual knowledge (terminologies, classifications, methods, trends)
- Demonstrate the ability to use library databases to research topics related to medical nutrition therapy topics for a presentation.
- Acquiring skills in working with others as members of a team.

This course addresses the KRDN's listed below that are part of the ACEND requirements for earning a verification statement to become eligible to apply to dietetic internship programs.

KRDN 1.1 Demonstrate how to locate, interpret, evaluate and use professional literature to make
Ethical evidence based practice decisions.

KRDN 1.2 Use current information technologies to locate and apply evidence-based

guidelines and protocols.

KRDN1.3 Apply critical thinking skills.

KRDN2.2 Describe the governance of nutrition and dietetics practice, such as the Scope of Nutrition and Dietetics Practice and the Code of Ethics for the Profession of Nutrition and Dietetics; and describe interprofessional relationships in various practice settings.

KRDN2.5 Identify and describe the work of interprofessional teams and the role of others with whom the registered dietitian nutritionist collaborates in the delivery of food and nutrition services.

KRDN3.1 Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions.

KRDN3.3 Demonstrate counseling and education methods to facilitate behavior change enhance wellness for diverse individuals and groups.

Required Texts and Resources:

- Mahan, K.L. and Raymond, J.L. Krause's Food and the Nutrition Care Process (Krause's Food and Nutrition Therapy), 14th edition, Elsevier, Inc., 2017. ISBN-13: 978-0323340755 ISBN-10: 032334075X
- Nelms, M.N. Medical Nutrition Therapy: A Case Approach, 5th edition. ISBN-13: 9781-305-62866-3
- *The Academy of Nutrition and Dietetics Nutrition Care Manual, Online.* This is provided as part of SHSU's library database resources.

Additional Online Resources:

- National Center for Health Statistics (NCHS) <http://www.cdc.gov/nchs/>
- Centers for Disease Control and Prevention (CDC) <http://www.cdc.gov/>
- The Academy of Nutrition and Dietetics Evidence Analysis Library
- Drug-Nutrient Interaction and Adverse Reactions Websites: www.Rxlist.com ; www.pharmacytimes.com

Course Policies/Expectations

Syllabus Change Policy:

Every effort has been made to set a syllabus in place that will result in an excellent learning experience for the student and the faculty will make every effort to follow the syllabus as written. However, the faculty reserves the right to change the syllabus as needed in order to be responsive to student learning needs, resource availability, and unforeseen events such as inclement weather.

Assignments:

Assignments should be submitted according to the directions provided for each one. You will be submitting assignments primarily via Blackboard. Any assignment turned in 1-2 days late will have a 25% grade reduction. A 50% reduction in grade will be given for assignments turned in 3 days late. No assignments will be accepted 4 or more days after the due date. All assignments will be submitted electronically. All assignments must be attempted in order to complete this course.

Lap Tops and tablets:

Lap tops and similar electronic devices may be used during class if the use is specific to this class. No cell phones are allowed. If there is an emergency situation, please discuss with the faculty prior to class. No recordings or taking of photos of any kind are allowed in class.

Attendance:

SHSU attendance policy applies to this course. You are responsible for any missed material if you do not attend class. Make-up exams will not be given unless appropriate documentation is presented to the instructor as soon as possible after the missed exam. The student must initiate exam make-up plans. If you know you will not be able to attend a class, please inform the instructor via email.

Major Case Study Assignment:

The Case Study assignment along with the related presentation is a very important part of this course and will require that you identify and read material not specifically assigned. Please allow ample time to complete the case study thoroughly as it will prove to be an important part of your career preparation. Instructions and rubrics will be posted on Blackboard and will be discussed in class.

Wellness Counseling Assignment:

Continuation of collaboration with the Wellness Class Students. Materials on Blackboard.

Assigned readings:

It is expected that all *readings are completed prior to class dates*. Coming to class unprepared may limit your understanding of the class discussion and will limit your contribution, ultimately affecting your participation grade. Class time should be used to expand upon and clarify the material, practice some of the skills, engage in discussion of the material, etc.

Key Term Quizzes:

These are designed to assist the student with learning medical terminology related to medical conditions. The quizzes will be due the night before the class in which the condition will be discussed. Key terms are listed at the beginning of each chapter in the textbook. The dates and chapters are listed in the course calendar.

Blackboard

The syllabus, some Power point lectures, assignments, and articles/readings will be posted on Blackboard. The Blackboard gradebook will be utilized. Key term quizzes will be administered via Blackboard. It is expected that students check Blackboard announcements several times per week.

Classroom Etiquette:

1. Come to class on time.

2. Be prepared (do the reading and assignments prior to class)
3. **Turn off ALL phones before class.**
4. Do not hold conversations during class when someone is speaking, whether it is the instructor or a fellow student speaking.
5. Use communication, such as email, professionally (**no “hey”**) – remember this your **“academic career”**.
6. Read instructions carefully for assignments and follow them.
7. Review the syllabus and **check email and blackboard frequently** for any updates.
8. Contribute in class by answering and asking questions, participating.
9. No gum chewing.

University Policies and Resources

***Student Absences on Religious Holy Days (AP 861001)**

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: “a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20....” A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

<http://www.shsu.edu/dotAsset/0953c7d0-7c04-4b29-a3fc-3bf0738e87d8.pdf>

***Students with Disabilities (AP 811006)**

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. NOTE: No accommodation can be made until a student registers with the Services for Students with Disabilities.

<http://www.shsu.edu/dotAsset/187f9029-a4c6-4fb4-aea9-2d501f2a60f3.pdf>

***Class Attendance (AP 800401)**

Each instructor is obligated to clarify her/his classroom policy regarding absences in writing to each student enrolled in class at the beginning of the semester. Each faculty member will announce to her/his class the policies for accepting late work or providing make-up examinations.

A student shall not be penalized for three or fewer hours of absences when examinations or other assigned class work have not been missed. Class absences will be counted only from the actual day of enrollment for the individual student in that specific class.

<http://www.shsu.edu/dotAsset/b719129b-9593-424f-9d5a-920e2eda6890.pdf>

Student Absence Notification Policy (Dean of Students)

Distinction between non-emergency and emergency absences; included in this link is the Absence Notification Request Form: <http://www.shsu.edu/dept/dean-of-students/absence.html>

***Use of Telephones and Text Messengers in Academic Classrooms and Facilities (AP 100728)**

Each course syllabus must contain a policy statement as to the disposition of telephones and text messages (1) in the classroom, (2) during testing periods, and (3) for emergency considerations.

<http://www.shsu.edu/dotAsset/6d35c9c9-e3e9-4695-a1a1-11951b88bc63.pdf>

***Procedures in Cases of Academic Dishonesty (AP 810213)**

Students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

<http://www.shsu.edu/dotAsset/728eec25-f780-4dcf-932c-03d68cade002.pdf>

Allegations of **student misconduct**, as defined in paragraph 5.2, Chapter VI of the *Rules and Regulations*, Board of Regents, The Texas State University System, and Sam Houston State University *Student Guidelines*, published by the Dean of Students' Office, will be referred to the Dean of Students' Office for necessary action. Dean of Students: <http://www.shsu.edu/dept/dean-of-students/>.

Academic Grievance Procedures for Students (AP 900823)

Recommended for inclusion on syllabi. Academic grievances include disputes over course grades, unauthorized class absences/tardiness, suspension for academic deficiency, instructor's alleged unprofessional conduct related to academic matters, graduate comprehensive and oral exams, theses and dissertations, and withdrawal or suspension of privileges related to degree-required clinical rotation, internships, or other clinical service delivery in professional degree programs.

If the dispute is determined to be based upon professional judgment, the aggrieved student is entitled to have, as appropriate and in turn, the department/school chair, College Academic Review Panel, academic dean, Dean of Graduate Studies (for graduate student issues), and Provost and Vice President for Academic Affairs form an opinion about the dispute and so advise the individual(s) involved.

<http://www.shsu.edu/dotAsset/0bb1346f-b8d6-4486-9290-dba24123d0d8.pdf>

Visitors in the Classroom

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Social Media Policy

See University Policy and Policy in FSN Handbook 2017-2018

Additional Resources:

All SHSU Policies: <http://www.shsu.edu/intranet/policies/>

Student Guidelines <http://www.shsu.edu/students/guide/>

Assessment of Student Performance:

Student overall performance will be measured on the basis of exams, quizzes, and assignments.

Grades will be assigned using the following scale:

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F= below 60

Three exams	300 points
Six Key Term Quizzes	150 points
Concept Map Assignment	25 points
Major Case Study with Presentation	150 points
Wellness Counseling Assignment	100 points
IPE Experience	50 points
Comprehensive Final Examination:	<u>200 points</u>
Total Possible Points	975 points

Tentative Course Schedule

**** Note: Dates adjusted post-hurricane.**

Date	Topic	Readings	Exams, Quizzes, Assignments
Aug 23	Orientation to the course Discuss the role of the RD in MNT services Importance of Accurate Assessment and determination of needs <u>FOUNDATION LECTURES:</u> Stress, Starvation Overfeeding, Underfeeding, Refeeding Syndrome	Posted on Blackboard CH 38 pages 775-783	

Aug 30	Malnutrition Diagnosis Academy Code of Ethics Review Wellness Counseling Activity	Readings and slides on Blackboard	<u>Assignment:</u> Ethics Case Study In- Class
Sept 4	Labor Day Holiday		
Sept 6	<u>Continuation</u> Stress, Starvation, Overfeeding, Permissive Underfeeding, Refeeding Syndrome Exam on Foundation Lectures and Malnutrition Overview of Diagnosis and Intervention -- Charting	Ch 10	
Sept 11	MNT for Cardiovascular Disease Malnutrition Diagnosis Review Wellness Counseling Activity	CH 33	<u>KEY TERM QUIZ ON CHAPTER 33</u> DUE: SEPT 12 MIDNIGHT
			Exam on Foundation Lectures – Online Blackboard Exam DUE Sept 17th Midnight

Sept 13	Continued In-class Case Study Concept Maps for MNT Overview of Diagnosis and Intervention -- Charting		<u>Key Term Quiz – CH 30</u> <u>DUE: Sept 17^h MIDNIGHT</u>
Sept 18	MNT for Diabetes and Hypoglycemia	CH 30	
Sept 20	Continued In-class Case Study	Exam: CH 10, 33 and 30 On Blackboard	<u>Key Term Quiz CH 27</u> Due Sept 24 MIDNIGHT
Sept 25	MNT for Upper GI Tract Disorders	27	<u>Key Term Quiz CH 28</u> DUE Sept 26 MIDNIGHT
Sept 27	MNT for Lower GI Tract Disorders	28	
Oct 2	CONTINUED	In- class case study	
Oct 4	<u>Exam CH 27, 28</u>		<u>Key Term Quiz CH 29 – hepatobiliary terms only</u> DUE Oct 8 Midnight
Oct 9	MNT for Hepatobiliary Disorders	29	
Oct 11	Continued	29	Eating Disorders Readings + CH 22
Oct 16	Eating Disorders Guest Speaker	22	Key Term Quiz CH 29 – pancreatic disorder terms only DUE Oct 15 midnight
Oct 18	MNT for Pancreatic Disorders	29	Readings
Oct 19	Review Rubrics for Major Case Study – Cases Assigned MNT for Pressure Ulcers	Readings on Blackboard	Readings

Oct 23	Exam CH 29 + 22 Online No class meeting		Enteral Nutrition Readings
Oct 25	? Enteral Guest Speaker	Begin Renal Disease if time permits	
Oct 30	Code of Ethics Ethics Case Study In- Class		.
Nov 1	Case Presentations		
Nov 6	Case Presentations		
Nov 8	Case Presentations		
Nov 9	Will Allen – Evening		
NOV 10 – FRIDAY	INTERPROFESSIONAL EXPERIENCE	MANDATORY	
Nov 13	Case Presentations		
Nov 15	Case Presentations		
Nov 20	SUBMIT CASE STUDY – Research/Writing		Written Major Case Study DUE; Submit via Blackboard by Midnight Nov 21st
Nov 22-24	Thanksgiving Holiday		
Nov 27	Case Presentations		
Nov 29	Case Presentations		
Dec 4-7 Final per University Schedule	Comprehensive Final		

** Note: Information presented during Case Presentations will be part of the comprehensive final.

** Key Term Quizzes will always be due at midnight prior to the lecture on that topic.