

## **NUTR 727- Advanced Clinical Nutrition and Dietetics Semester**

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**Office:** BHS 330

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**Office Hours:**

**Class credits & meeting time:** 3 credits

### **Course Description:**

Nutrition and Dietetics is an extremely broad field of study ranging from complex physiologic principles to application to the patient/client or programmatic implementation at the community level. In addition, nutrition is a very young science with new research evolving on a rapid basis. This course is designed to take the Medical Nutrition Therapy guidelines learned in an undergraduate Didactic Program in Nutrition and Dietetics (DPND) and explore the in-depth research used to establish these practice guidelines. In addition, current hot topics within nutrition related conditions or diseases will be evaluated.

Prerequisites for this course include Medical Nutrition Therapy from an ACEND accredited DPND or consent of the instructor and Nutrition Sciences Director. This course will be taught and graded at the appropriate level. No leniency will be made in covering of material or grading due to lack of prerequisite courses.

This course will require gathering of peer-reviewed journal articles, class discussion of the articles, and a literature review. For your final case study you will be required to write a complete and thorough literature review, use the Nutrition Care Process in treating your case study patient/client, and provide a presentation to the class. You may have to rely on the UNLV library service for some journal articles and therefore need to request articles early in the semester. Make an appointment with a reference librarian (Xan Goodman) for assistance.

### **Course Texts/Readings:**

- Nutrition Care Manual Subscription (Required)
- Electronic Nutrition Care Process Terminology. <https://ncpt.webauthor.com/pub/sm.cfm>
- Food Medication Interactions, current Edition (Required).
- Krause's Food, Nutrition, & Diet Therapy, 14th Edition, W.B. Saunders Company, 2017 (Recommended).
- Nutrition & Diagnosis Related Care, 8<sup>th</sup> Edition, Wolters-Kluwer (Recommended).
- A medical dictionary of your choice (Recommended).
- You will be required to obtain peer-reviewed articles via library services

### Course Objectives:

Upon completion of the course the student will:

- Demonstrate understanding of current legislative efforts at the state and national level regarding the practice of nutrition and dietetics.
- Demonstrate appropriate use of scientific literature databases for searching for peer-reviewed nutrition information by selection of articles for class discussion and by providing appropriate bibliography in the final research paper.
- Provide written documentation demonstrating the differences between lay nutrition information and peer-reviewed scientific literature.
- Demonstrate understanding of the development and publication of position papers and established nutrition and dietetics practice guidelines by gathering, reading, and discussing peer-reviewed journal articles.
- Develop the skill to identify the difference between strong scientific agreement, general consensus, and professional opinion regarding sports nutrition guidelines.
- Develop the skill to provide accurate Medical Nutrition Therapy for various nutrition-related diseases & conditions
- Develop proficiency in using the Nutrition Care Process in nutrition and dietetics care in the final written clinical case study.

### Course Evaluation:

<u>Item</u>	<u>% of Total Grade</u>	<u>Points</u>
Journal article reviews (10 @ 60 points each)	60%	600
Project Presentation to the Class	15%	150
Final Case Study Project	25%	250

**Course Grade:** 93-100% = A; 90-92% = A-; 87-89% = B+; 83-86% = B; 80-82% = B-; 77-79% = C+; 1000 total  
73-76% = C; 70-72% = C-; 67-69% = D+; 63-66% = D; 60-62% = D-; <60% = F

### Course Policies

1. Assigned readings are to take place before the class meeting. It will be the student's responsibility to ask questions in class or during an appointment if any information is unclear.
2. If you miss a class, you are responsible for any announcements made and all material covered. The instructor will not repeat lectures during an appointment.
3. Missed assignments must be discussed with the instructor prior to the project due date. In the event of a legitimate emergency, the instructor must be contacted within a reasonable amount of time. Failure to do so will result in a zero. Any make-ups will be at the discretion of the instructor. A conflict with a work schedule will not be considered sufficient reason to be allowed to make-up assignments. Late projects, if accepted, are subject to a 10% per day penalty. All late projects must be submitted to BHS 319 and date stamped. Leaving the project with anyone else may result in a delay. The official receive date is when the instructor receives the project (if delivered electronically) or the date stamp.
4. It is expected that all students will behave in a professional and courteous manner. Side conversations, use of cellular phones or other electronic devices, or other disturbing behavior during the class period (including exams) will not be tolerated. If you engage in any of these

behaviors, you will be asked to leave the class. A student who chooses not to comply is subject to an administrative course drop. Participation via questions and comments directed toward the instructor and/or other students is encouraged.

### **Announcements:**

**Professional Behavior**- It is expected that all students will behave in a professional and courteous manner when communicating with their instructor, teaching assistants, and fellow students. Rude behavior will not be tolerated. If you engage in any of these behaviors, and fail to correct the problem, a report will be sent to the UNLV Office of Student Conduct. A student who chooses not to comply is subject to an administrative course drop. Of course, professional participation via questions and comments directed toward the instructor, TA, and/or other student is encouraged. **Cell phones are prohibited during class periods. Tablets and laptops are permitted for notetaking purposes only. If you use any electronic device in a non-approved way, you will be asked to leave the classroom. Repeated offenses will result in an administrative drop from the class.**

**Academic Misconduct**—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

**Copyright**—The University requires all members of the University Community to familiarize themselves with and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws.** Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

**Disability Resource Center (DRC)**—The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

**Religious Holidays Policy**—Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor **within the first 14 calendar days of the course for fall and spring courses (excepting modular courses), or within the first 7 calendar days of the course for summer and modular courses**, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

**Transparency in Learning and Teaching**—The University encourages application of the transparency method of constructing assignments for student success. Please see these two links for further information: <https://www.unlv.edu/provost/teachingandlearning> and <https://www.unlv.edu/provost/transparency>

**Incomplete Grades**—The grade of I—Incomplete—can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving “I” grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

**Tutoring and Coaching**—The Academic Success Center (ASC) provides tutoring, academic success coaching and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, visit <http://www.unlv.edu/asc> or call 702-895-3177. The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of the SSC (ASC Coaching Spot). Drop-in tutoring is located on the second floor of the Lied Library and College of Engineering TEB second floor.

**UNLV Writing Center**—One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>.

**Rebelmail**—By policy, faculty and staff should e-mail students’ Rebelmail accounts only. Rebelmail is UNLV’s official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students’ e-mail prefixes are listed on class rosters. The suffix is always [@unlv.nevada.edu](mailto:@unlv.nevada.edu). **Emailing within WebCampus is acceptable.**

**Final Examinations**—The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>.

**Any other class specific information**—(e.g., absences, make-up exams, status reporting, extra credit policies, plagiarism/cheating consequences, policy on electronic devices, specialized department or college tutoring programs, bringing children to class, policy on recording classroom lectures, etc.)

### Tentative Course Outline

Date	Chapter/Topic
1	Course Introduction
	Legislative Update
2	Food Allergies & Intolerances
	Bone Health
3	Upper GI Diseases
	Lower GI Diseases
4	Hepatobiliary & Pancreatic Diseases & Disorders
	Anemias & Other Blood Disorders
5	Type 1 Diabetes Mellitus
	Type 2 Diabetes Mellitus
6	Cardiovascular Diseases- Dyslipidemia
	Cardiovascular Diseases- Dyslipidemia
7	Cardiovascular Diseases- Hypertension
	Cardiovascular Diseases- Stroke
8	Metabolic Syndrome
	Cancer
9	Trauma/Neurological
	Autoimmune Diseases (Inflammatory)
10	Renal
	Bariatric Surgery
11	Weight Management
	Weight Management
12	Students Choice
	Students Choice
13	Students Choice
	Students Choice
14	Presentations
	Presentations
15	Presentations
	Presentations