



Department of Sociology, Social Work and Family Sciences
NUT 3020 –Nutrition Assessment
2 units

Fall 2022

Meeting days: Tues/Thurs	Instructor title and name: Prof Cindy Swann, MS, RD, CDCES
Meeting times: 1:30-2:25 pm	Phone: 619-849-2351
Meeting location: Evans Hall 121	E-mail: cindyswann@pointloma.edu
Final Exam: Thurs., 12/15, 1:30 – 4:00pm	Office location and hours: Mon/ Wed 9:45-10:45; Tues/Thurs 9-9:45 am, 1:00-1:25 pm or by appt.

PLNU Mission:

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

GOALS AND OUTCOMES:

COURSE DESCRIPTION

A study of nutrition status and assessments, including anthropometrics, biochemical and clinical parameters, dietary intake, computerized dietary analysis systems, growth charts, national health and nutrition surveys and physical signs of nutritional status as related to nutritional assessment of the human. The Nutrition Care Process and basic ADIM/E charting will be introduced.

DIETETIC PROGRAM LEARNING OUTCOMES

1. PLO 1. Demonstrate content knowledge of food and nutrition as well as concepts and theories of nutrition across a broad range including: lifecycle stages, cellular nutrition, disease prevention and medical therapy; food and food systems; development, modification, and evaluation of recipes, menus and food products.
2. PLO 3. Identify and assess scientific research evaluating current evidence-based research related to dietetics.
3. PLO 4. Evaluate the effects of societal, cultural, ethical and financial dynamics upon diet trends, dietary choices, and food preparation methods among individuals, families and societies.

NUT 3020 COURSE STUDENT EARNING OUTCOMES:

By the end of this class, students should be able to:

1. Identify and describe the relevance of the data required to complete a nutrition assessment.
2. Measure, calculate, and interpret specific body composition data.
3. Identify and apply methods for calculating energy needs for healthy adults.
4. Identify the role of the Dietary Reference Intakes in assessing individuals, communities and food data. Define: DRI, RDA, AI, AMDR and UL.
5. Practice nutrition assessment and recommendations using case studies.
6. Use evidence-based models to analyze nutrition recommendations and research to determine validity and value.

7. Analyze food accessibility using the MyPlate method, and identify ways to improve dietary adequacy and/or to reduce dietary excess.
8. Describe the general relationship of nutrition to diabetes, cardiovascular disease, food allergies and weight maintenance.
9. Apply the NCP and write a chart note using the ADIM/E format.

ACEND's KRDN Didactic Course Core Knowledge for the RDN in DPD Programs based on 2017 Standards:

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.

KRDN 1.3: Apply critical thinking skills.

KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.

KRDN 2.2: Describe the governance of nutrition and dietetics practice, such as the Scope of Practice for the Registered Dietitian Nutritionist and the Code of Ethics for the Profession of Nutrition and Dietetics.

KRDN 3.1: Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition related problems, determine appropriate nutrition interventions and develop plans to monitor the effectiveness of these interventions.

KRDN 3.4: Practice routine health screening assessments, including measuring blood pressure and conducting waived point-of-care laboratory testing (such as glucose or cholesterol).

COURSE CREDIT HOUR INFORMATION . In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 4 unit class delivered over 15 weeks. Specific details about how the class meets the credit hour requirement can be provided upon request.

ESSENTIAL INFORMATION:

REQUIRED TEXTS:

Munoz, N & Bernstein, M. Nutrition Assessment: Clinical and Research Applications. Jones & Bartlett Learning, 2019.

OPTIONAL RESOURCE:

Student Member of AND to gain access to the Evidence Analysis Library.

Annual subscription to AND's Nutrition Care Manual: <https://www.nutritioncaremanual.org/>

CANVAS LEARNING MANAGEMENT SYSTEM

Please use **Chrome** as your browser.

1. Go to canvas.pointloma.edu.
2. Create a shortcut or bookmark to this site.
3. Log in with your PLNU username and password.
4. All lecture notes, chapter quizzes and most assignments are located here.

COURSE REQUIREMENTS AND STANDARDS:

COURSE GRADING CRITERIA:

	<u>Pts.</u>
Chapter Assessments	~200
2 Term Exams @ varying points	~130
4 MNT Case Studies @ varying points	150
24-hour recall/diet analysis	30
Anthropometric Lab Report	20
Comprehensive Final Exam	<u>100</u>
TOTAL	~530

Attention NUT Students: You are required to turn in a portfolio project as a senior. Keep any and all graded work you want to showcase.

GRADE DISTRIBUTION:

GRADE	PERCENTAGE RANGE	GRADE	PERCENTAGE RANGE
A	$\geq 93\%$	C	73-76%
A-	90-92%	C-	70-72%
B+	87-89%	D+	67-69%
B	83-86%	D	63-66%
B-	80-82%	D-	60-62%
C+	77-79%	F	$\leq 59\%$

EXAMS:

Two exams will be given during the semester. The last exam will cover material from the entire semester. The majority of exam questions will cover lecture material. However, exam questions from the text, medical terminology, case study information or assigned reading material not discussed in lecture may also be used. Students arriving late will NOT be given any additional time to complete the exam. Emergencies forcing a student to miss an exam must be notified to the instructor PRIOR to the exam, and written documentation of health or other emergency situations must be provided to the instructor.

CHAPTER ASSIGNMENTS:

There is an assignment in Canvas following each chapter covered in class. The assignment will be due the following Tuesday at the start of class. The assignments are to reinforce what was covered and will vary in points.

CASE STUDIES:

During the course, students will work on case studies related to recent lecture material. The objective of the case study is to give students the opportunity to apply nutrition theory to "dietetic practice". At least three case studies will be assigned, collected and graded (see class schedule for dates). These individual reports will be discussed in the following class period. NO make-up case studies will be given for those not attending class without documentation of illness or emergency situations.

AND'S EVIDENCE ANALYSIS LIBRARY:

AND has an Evidence Analysis Library on-line that members can use to research topics relating to dietetics. Students will need to become AND members, if they are not already, to gain access to the library. Students should have completed the tutorial section to learn how to navigate through the information last semester. (If you have not, please complete the tutorial and forward the certificate of completion to me). For each case study topic assigned to turn in, develop a research question related to the topic, research the library, and copy the summary evidence (paragraph, not pages), conclusion and grade for your research question. Write a *brief* paragraph stating the value of the information you found. Is there evidence to support your question? Did you need to formulate a new question to find adequate evidence? Would you find the evidence helpful when counseling the patient?

DAILY SCHEDULE:

TENTATIVE CLASS SCHEDULE

Week of	Lecture Topic	Text Chapter
1) 8/30, 9/01	No Class / Introduction	
2) 9/06, 9/08	Nutrition Assessment Nutrition Care Process	1
3) 9/13, 9/15	Nutrition Care Process continued PES statements Due: Chapter 1 Assignment 9/13	1
4) 9/20, 9/22	Nutrient Standards Due: NCP Assignment 9/20	3
5) 9/27, 9/29	Nutrient Intake Measurement Due: Chapter 3 Assignment 9/27	4
6) 10/4, 10/6	National Food & Nutrition Surveys Due: Chapter 4 Assignment 10/4	5
7) 10/11, 10/13	Nutrition Analysis Systems Due: Chapter 5 Assignment 10/11	6
8) 10/18, 10/20	Exam 1 10/18 Start Anthropometry Due: Chapter 6 Assignment 10/20	
9) 10/25, 10/27	Anthropometry with Lab Body Comp lab due 10/27	7
10) 11/1, 11/3	Biomarkers in Nutritional Assessment Due: Chapter 7 Assignment 11/1	8
11) 11/8, 11/10	Clinical Assessment Due: Chapter 8 Assessment Case Study 11/8	9
12) 11/15, 11/17	Nutrition Focused Physical Exam Assessing Malnutrition - Speaker	9
13) 11/22, 11/24	Disease Prevention and Treatment / Holiday Due: Chapter 9 Malnutrition Case Study 11/22	10
14) 11/29, 12/1	Exchange Diets Due: Chapter 10 Cardiovascular Case Study 11/29	
15) 12/6, 12/8	Practice Case Studies and Exchange Diets Exchange Diet Assignment 12/6	
16) Thurs., 12/15	Final Exam 1:30 – 4:00 pm	

POLICIES AND PROCEDURES:

ATTENDANCE: Class attendance and participation are expected since they are part of your integrated experience in nutrition. Attendance and punctuality is important here, as in your future professional life. If absent: You are required to obtain information from your peers.

LATE POLICY: There is a **25%** penalty for any work turned in late. Due dates are enforced.

EXAMS: No makeup exams are given. Emergencies will be processed on an individual basis.

EMERGENCIES: Everyone has them. Be responsible, communicate promptly and privately, tell the truth, don't take advantage of the instructor's goodwill. Each will be evaluated on its merits. Documentation may be requested.

SPIRITUAL CARE

PLNU strives to be a place where students grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If you have questions, a desire to meet with the chaplain, or if you have prayer requests, you can contact the [Office of Student Life and Formation](#).

STATE AUTHORIZATIONⓈ

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization](#) to view which states allow online (distance education) outside of California.

INCOMPLETES AND LATE ASSIGNMENTS

All assignments are to be submitted/turned in by the beginning of the class session when they are due—including assignments posted in Canvas. Incompletes will only be assigned in extremely unusual circumstances.

PLNU COPYRIGHT POLICY Ⓢ

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU ACADEMIC HONESTY POLICYⓈ

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [Academic Policies](#) for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICYⓈ

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu or 619-849-2486). Once a student's eligibility for an

accommodation has been determined, the EAC will issue an academic accommodation plan (“AP”) to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student’s responsibility to make the first contact with the EAC.

SEXUAL MISCONDUCT AND DISCRIMINATION

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the Title IX Office at pointloma.edu/Title-IX. Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu or find a list of campus pastors at pointloma.edu/title-ix

PLNU ATTENDANCE AND PARTICIPATION POLICYⓈ

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation.
