





## **Rationale, Justifications, and Assurances (Part I)**

1.   x   Course is required for the major(s) of   BS in NTR, MS in Nutrition and Dietetics-  
Nutrition Education

       Course is required for the minor(s) of \_\_\_\_\_

       Course is required for the certificate program(s) of \_\_\_\_\_

       Course is used as an elective

### **2. Rationale for proposal:**

This proposal changes the course number from NTR 4749 to NTR 4751 to allow graduate students in the MS Nutrition and Dietetics - Nutrition Education (MSND- NE) to take a fundamental nutrition therapy course. This will strengthen the foundation in nutritional principles for the MSND- NE students who do not have a strong background in nutrition prior to starting the program. One of the course prerequisites, NTR 3755, will be changed to NTR 4750, which better aligns with the course content and shares the same textbook for the course. The other course prerequisites will be removed.

The course content already aligned closely with the requirements for a senior seminar, and functioned as a capstone course in the major. Revising it to serve as a Department Capstone course that replaces the University Senior Seminar graduation requirement reduces the number of hours in the undergraduate program by 3 s.h. and facilitates timely degree completion.

Graduate students who take this course will be required to develop a research poster and presentation on a disease process and nutritional application.

### **3. Justifications for (answer N/A if not applicable)**

Similarity to other courses: Specific topics in NTR 2100 and NTR 3755 discuss nutrient needs, but this course differs in that it provides in-depth and specific nutrition-related recommendations for chronic illness/conditions/diseases. This course critically examines abnormal nutrition and what dietitians will do to manage various disease states via various nutrition therapies. This course is similar to NTR 5150 Medical Nutrition Therapy and NTR 5154 Medical Nutrition Therapy, without the direct clinical application provided in the graduate courses.

Prerequisites: The prerequisite of Advanced Nutrition (NTR 4750) will provide a review/foundation on nutrient metabolism, roles of macro and micronutrients in the body. This content is covered in the same coursebook that goes on to discuss the application of this information in disease prevention, treatment, and management. These topics will be covered in NTR 4751.

Co-requisites: N/A

Enrollment restrictions: Students enrolled in the MS in Nutrition and Dietetics - Dietetic Internship are restricted from this course as they are required to take NTR 5150 Medical Nutrition Therapy and NTR 5154 Medical Nutrition Therapy, a sequence of courses that focus on the application of nutrition therapy in the clinical environment, preparing the student for the Dietetic Internship.

Writing active, intensive, centered: Over 35% of the course grade will be based on writing, and the research paper will be revised prior to the final submission.

Capstone as Senior Seminar: Based on the senior seminar objectives, this capstone course meets the requirements of a senior seminar.

- Students identify, analyze, synthesize, and apply multiple written sources, including data, scholarly sources, and high-quality additional sources for their research paper and case studies.
- The research paper and case studies require students to process information from diverse sources, including applying appropriate research methods and conducting analyses.
- Class meetings focus on discussing readings and developing student papers. Frequent small group and full-class discussions offer students the opportunity to engage in rational dialogue, including policy problems, research papers, and professional development.
- Students develop, write, and present their research projects, providing them the opportunity to express their analyses in both written and oral forms.
- While the course does not have a direct cross-disciplinary focus, many of the students to integrate their minors and other areas of interest in their research papers.
- The research papers and case studies directly focus on applying their nutrition content knowledge and understanding the link between nutrition and the treatment and prevention of disease.
- Multiple opportunities (small group discussions, current events discussions, medical ethics, public policy paper, etc.) exist for students to reflect on course materials focusing on the value of ethical decision-making, diversity, and engaged citizenship.

**4. General education assurances (answer N/A if not applicable)**

General education component: N/A

Curriculum: N/A

Instruction: N/A

Assessment: N/A

**5. Online/Hybrid delivery justification & assurances (answer N/A if not applicable)**

Online or hybrid delivery justification:

This course will be offered online, with the flexibility of being offered in person or with the hybrid format. Other classes in the program have been offered in the online format successfully, and the faculty will have the appropriate experience and training to deliver quality courses in either modality.

Instruction:

Lectures from the face-to-face courses may be recorded and posted online for students. Other online components (e.g., tutorials, videos, discussions) will be included. All faculty who deliver this course online are/will be OCDI (or appropriate equivalent) trained. Accommodations will be made as appropriate for students with disabilities.

Integrity:

The integrity of the course will not be compromised by offering an online mode of delivery. The online version of the course will utilize the same PowerPoint lectures (with slides regularly complemented by audio/video aids) and exams will include the same content and allotted time. Academic integrity of written work will be preserved and monitored for originality and authenticity with the most current technology available.

Interaction:

At the discretion of the faculty, provisions and requirements would vary but generally will utilize Email, chat rooms, discussion boards, assignment drop boxes, telephone, and online office hours. Students will participate in online discussion boards through their own posts in response to their peer students and to the instructor. In addition to responding to students' posts, the instructor will monitor discussion board posts to ensure that a respectful, professional, and academic tone is maintained.

**Model Syllabus (Part II)**

Please include the following information:

1. Course number and title:  
NTR 4751 Nutrition Therapy
2. Course description:  
Application of the science of nutrition to the maintenance of optimum health and the role of nutrition in the prevention and treatment of disease.
3. Course objectives.

As a result of experiences in this class, students will be able to:

- a. 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 the inter-professional relationships in various practice settings. (CT-3) (Ethical and Professional Responsibility)
- b. Assess the impact of a public policy position on nutrition and dietetics practice. (CT-5, CT-6) (LG-1)
- c. Discuss the impact of health care policy and different health care delivery systems on food and nutrition services. (CT-3) (Depth of Content Knowledge)

- d. Identify and describe the work of inter-professional teams and the roles of others with whom the RDN collaborates in the delivery of food and nutrition services. (CT- 3) (LG-1)
- e. Demonstrate identification with the nutrition and dietetics profession through activities, such as participation in professional organizations and defending a position on issues impacting the nutrition and dietetics profession. (CT-1) (LG-4)
- f. Use the NCP to make decisions, identify nutrition-related problems, and determine and evaluate nutrition interventions. (CT-4, W-6) (LG-1, LG-2)
- g. Evaluate menu plans to confirm adherence to stated medical nutrition therapies. (WR6, QR1)
- h. Apply menu planning and writing principles to various disease states for culturally diverse groups. (WR1, WR3, QR1, RC1)
- i. Demonstrate counseling and education methods to facilitate behavior change and enhance wellness for diverse individuals and groups. (CT-6. S-1, SL-2) (LG-1, LG-2 Critical Thought)
- j. Describe the regulation system related to billing coding, what services are reimbursable by third party payers, and how reimbursement may be obtained. (CT-3) (LG-1)
- k. Develop and present a research presentation on a disease state and nutritional care process. (LG-4 Evidence of Advanced Scholarship; LG-1 Depth of Content Knowledge; LG-3 Oral and Written Communication)

4. Course materials:

Rolfes, S.R., Pinna, K., & Whitney, E.N. (2022). Understanding Normal and Clinical Nutrition, 12 ed. CA: Cengage Learning.

5. Weekly outline of content.

<b>Topic</b>	<b>Time Allotment</b>
Scope of Practice for RDNs	Week 1
Health Care Systems	Week 2
Gastrointestinal System	Weeks 3-4
Cardiovascular System	Weeks 5-6
Pulmonary Disease	Week 7
Diabetes	Weeks 8-9
Cancer	Week 10
HIV/AIDS	Week 11
Renal Disease	Week 12
Liver and Pancreas	Week 13
Alternative Feeding: Enteral and Parenteral Nutrition and Graduate Student Presentations	Weeks 14-15
Final Exam	Week 16

6. Assignments and evaluation, including weights for final course grade.

Examinations	180 points
Reflections on Professional Attendance	45 points
Nutrition Support Worksheet	45 points
Public Policy Paper	30 points
Case Studies	150 points

Healthcare Assignment points	30
Ethics Assignment	20 points
Disease State Paper	<u>85 points</u>
Total	585 points

Graduate Students Only	
Disease State Poster and Presentation	<u>50 points</u>
Total	635 points

7. Grading scale.

90-100% = A    80-89% = B    70-79% = C    60-69% = D    < 60 = F

8. Correlation of learning objectives to assignments and evaluation.

Course Objective	Exams	Reflections	Nutrition Support	Public Policy Paper	Ethics	Health Care	Case Studies	Disease State Paper/Presentation
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 the interprofessional relationships in various practice settings.	X				X	X		
Assess the impact of a public policy position on nutrition and dietetics practice.				X		X		
Discuss the impact of health care policy and different health care delivery systems on food and nutrition services.	X					X		

Identify and describe the work of interprofessional teams and the roles of others with whom the RDN collaborates in the delivery of food and nutrition services.	X					X	X	
Demonstrate identification with the nutrition and dietetics profession through activities, such as participation in professional organizations and defending a position on issues impacting the nutrition and dietetics profession.		X		X				
Use the NCP to make decisions, identify nutrition-related problems, and determine and evaluate nutrition interventions.	X		X				X	X
Evaluate menu plans to confirm adherence to stated medical nutrition therapies.	X							X
Apply menu planning and writing principles to various disease states for culturally diverse groups.							X	X
Demonstrate counseling and								

education methods to facilitate behavior change and enhance wellness for diverse individuals and groups.	X						X	X
Describe the regulation system related to billing coding, what services are reimbursable by third party payers, and how reimbursement may be obtained.	X					X		

**Date approved by the department or school: 12/12/2022**

**Date approved by the college curriculum committee: 2/9/23**

**Date approved by the Honors Council (if this is an honors course):**

**Date approved by CAA:**

**CGS:**