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## NUTR 452/452 Lab Medical Nutrition Therapy II/Lab

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# NUTR 452/452 Lab Medical Nutrition Therapy II/Lab

Linda Young, MS, RD, LMNT



## ACE 10 Question

### ACE 10 Question:

***Can students demonstrate through the development of a portfolio consisting of completion of eleven case studies the ability to apply and implement the nutrition care process in its entirety?***

The student learning outcome addressed in the ACE 10 Question is a learning outcome required for accreditation of the University of Nebraska-Lincoln Didactic Program in Nutrition and Dietetics:

*Students must be able to use the nutrition care process to make decisions, to identify nutrition-related problems and determine and evaluate nutrition interventions.*

## Method of Analysis

Student ability to meet the ACE 10 outcome is dependent on the success of various courses in the curriculum in providing the foundational knowledge and skills needed to apply the nutrition care process to the case studies.

A rubric is used to evaluate and provide feedback to the students regarding the extent to which the outcome has been achieved. The rubric also provides information on what aspects of the nutrition care process students are readily achieving and what aspects continue to need further development.

Information regarding the achievement of the ACE 10 outcome is shared with the department faculty as part of a meeting for all Didactic Program in Nutrition and Dietetics faculty which occurs after the end of the spring semester.

## Findings

As the semester progresses, students are able to identify meaningful assessment data and identify potential nutrition diagnoses reflective of the assessment findings.

A challenge for some students is the identification of comparative standards that need to be utilized in identifying the medical nutrition therapy intervention. The ability to do this is influenced by their ability to transfer knowledge gained from other science and nutrition courses to a specific case study scenario.

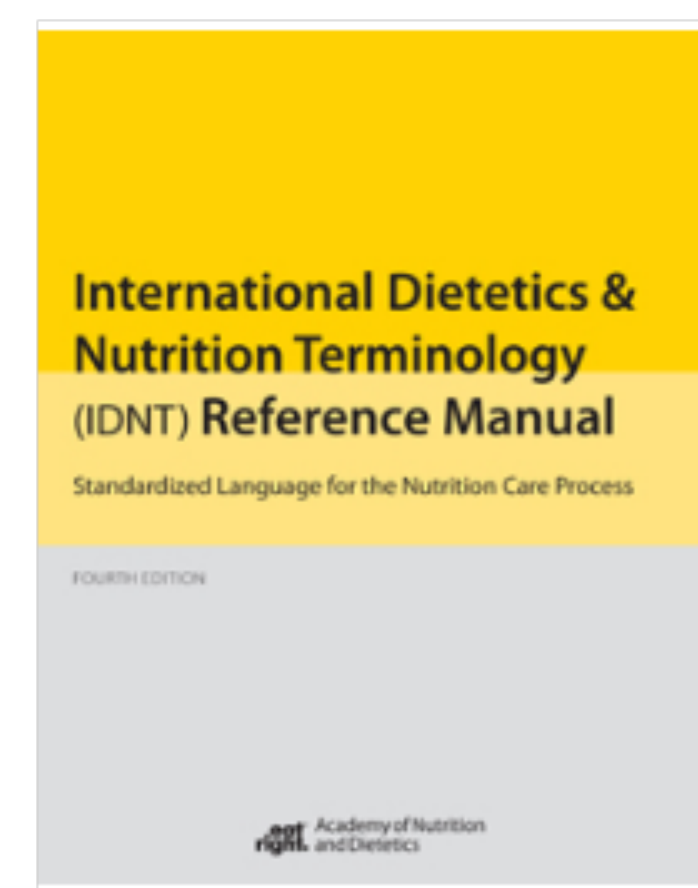
Even at the end of the semester, consistent appropriate construction of the nutrition diagnosis statement identifying the problem, etiology, and signs and symptoms continues to allude some students.

## Student Work

Assessment activities that occur throughout the semester:

- Utilization of the International Dietetics & Nutrition Terminology (IDNT) Reference Manual in the implementation of the nutrition care process (NCP)
- Various in lab learning activities which reinforce understanding of the various components of the NCP
- Completion of nine case studies by student groups during lab class time
- Completion of appropriate NCP and medical record documentation utilizing the ADIME format by each student individually for each of the nine case studies
- Completion of the NCP and ADIME documentation for two case studies completed individually outside of lab class time

### IDNT Reference Manual



### Nutrition Care Process



## Improving ACE 10 Learning

One of the changes relates to NUTR 344 *Food and Nutrition for Healthy Living* which is a course that provides knowledge for the comparative standards students need to utilize as they complete the NCP process. The final exam in that course is now comprehensive reinforcing class content and conveying to students that the course content will be utilized by them in their professional careers.

To assist with student's understanding and ability to comprehend how the phases of the NCP are interrelated and dependent on each other, the program will initiate the use of an electronic medical record simulation during the 2014-2015 academic year. This should assist students in the construction of the nutrition diagnosis statement and its direct relationship to the medical nutrition therapy intervention and the monitoring of its effectiveness.