

## Master Syllabus

### DIT 2625 - Medical Nutrition Therapy I

**Division:** Health Sciences

**Department:** Dietetics and Nutrition

**Credit Hour Total:** 3.0

**Lecture Hrs:** 3.0

**Prerequisite(s):** DIT 1630

**Other Prerequisite(s):** Restricted to Majors

**Date Revised:** June 2017

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### Course Description:

Medical nutrition therapy for physiologic stress, diabetes mellitus, cardiovascular disease and disorders of the upper gastrointestinal tract. Content includes modified texture/therapeutic feeding strategies, dietary interventions for swallowing difficulties and enteral/parenteral/IV feeding routes. Incorporates the nutrition care process with emphasis on nutritional assessments, minimum data sets, care assessment triggers and care plans.

### General Education Outcomes:

- Written Communication Competency
- Critical Thinking/Problem Solving Competency
- Computer Literacy Competency
- Information Literacy Competency

### Course Outcomes:

#### Modified and therapeutic diets

Transpose regular menus to altered textured consistencies and calorie/nutrient controlled for swallowing, diabetic, cardiac, and upper gastrointestinal disorders.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

80% of students will score 75% or higher on course exams

**Assessment Method:** Simulations

**Performance Criteria:**

85% of students will score 80% or higher on diabetic, cardiac, post gastrectomy and menu assignments

**Assessment Method:** Standardized national examinations

**Performance Criteria:**

80% of students will pass the national DTR exam

#### Enteral, parenteral, and IV feeding routes

Calculate basic enteral, parenteral, and IV formulas.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

80% of students will score 75% or higher on course exams

**Assessment Method:** Simulations

**Performance Criteria:**

80% of students will score 80% or higher on enteral case study

**Assessment Method:** Standardized national examinations

**Performance Criteria:**

80% of students will pass the national DTR exam

#### Medical terminology and laboratory parameters

Interpret medical terminology and laboratory parameters relating to nutrition and disease.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

80% of students will score 75% or higher on course exam

**Assessment Method:** Simulations

**Performance Criteria:**

80% of students will score 80% or higher on case study addressing physiological stress/lab parameters

**Assessment Method:** Standardized national examinations

**Performance Criteria:**

80% of students will pass the national DTR exam

#### Medications and dietary supplements

Describe nutrient-nutrient and drug-nutrient interactions.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

80% of students will score 75% or higher on course exam

**Assessment Method:** Simulations  
**Performance Criteria:**

85% of students will score 80% or higher on enteral case study

**Assessment Method:** Standardized national examinations  
**Performance Criteria:**

80% of students will pass the national DTR exam

#### **Medical nutrition therapies**

Describe the medical nutrition therapies for physiological stress, diabetes, cardiac disease and disorders of the upper gastrointestinal tract.

**Assessment Method:** Behavioral observations  
**Performance Criteria:**

80% of students will complete chapter review packets prior to class discussion

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

80% of students will score 75% or higher on final course exam

**Assessment Method:** Simulations  
**Performance Criteria:**

85% of students will score 80% or higher on assigned case studies

**Assessment Method:** Standardized national examinations  
**Performance Criteria:**

80% of students will pass the national DTR exam

#### **Outline:**

Modified and therapeutic diets

Enteral, parenteral and IV feeding routes

Medical terminology and laboratory parameters

Medications and dietary supplements

Physiologic stress and diabetes/medical nutrition therapy

Cardiovascular disease/medical nutrition therapy

Upper GI disorders/medical nutrition therapy