

## Master Syllabus

### DIT 2630 - Medical Nutrition Therapy Clinical I

**Division:** Health Sciences

**Department:** Dietetics and Nutrition

**Credit Hour Total:** 3.0

**Clinic:** 9.0

**Prerequisite(s):** DIT 1630

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

**Date Revised:** June 2017

---

### Course Description:

Clinical component of medical nutrition therapy I series: for physiologic stress, diabetes mellitus, cardiovascular disease and disorders of the upper gastrointestinal tract. Menu writing for therapeutic interventions; feeding routes for enteral, parenteral and IV therapy; patient interviews, nutrition screening and nutrition care process. Ohio Department of Health Dining Assistant certification is embedded in this course. Nine clinical lab hours per week.

### General Education Outcomes:

- ▣ Written Communication Competency
- ▣ Critical Thinking/Problem Solving Competency
- ▣ Information Literacy Competency
- ▣ Computer Literacy Competency
- ▣ Oral Communication Competency
- ▣ Values/Citizenship/Community Competency

### Course Outcomes:

#### Modified texture and therapeutic diets

Transpose regular menus to the following modified texture and therapeutic diets: dysphagia puree/mechanically altered/advanced, mechanical soft, carbohydrate and calorie controlled.

**Assessment Method:** Portfolios

**Performance Criteria:**

90% of students will include a copy of modified texture and diabetic spread sheet in their career portfolios.

**Assessment Method:** Simulations

**Performance Criteria:**

90% of students will score 80% or higher on modified texture and diabetic menu assignments.

**Assessment Method:** Standardized national examinations

**Performance Criteria:**

80% of students will pass the national DTR exam.

#### Enteral, parenteral, & IV feeding routes

Calculate nutrient content and assess adequacy of basic enteral, parenteral, and IV feedings.

**Assessment Method:** Portfolios

**Performance Criteria:**

90% of students will include a copy of enteral/IV calculation assignment in their career portfolio.

**Assessment Method:** Simulations

**Performance Criteria:**

80% of students will score 80% or higher on enteral/IV calculation assignment.

**Assessment Method:** Standardized national examinations

**Performance Criteria:**

80% of students will pass the national DTR exam.

#### Interviewing Skills & Meal Rounds

Interview patients/residents and complete meal rounds to obtain diet history information and meal satisfaction feedback.

**Assessment Method:** Exit and other interviews

**Performance Criteria:**

100% of students will complete 90% of patient/resident interviews and meal rounds as assigned per instructor/preceptor.

**Assessment Method:** Simulations

**Performance Criteria:**

90% of students will utilize effective interviewing skills and meal round strategies and score 90% or higher on graded interview & meal round assignments.

#### Nutrition care process

Complete comprehensive nutritional assessments, minimum data sets (MDS), care assessment triggers (CAT) and care plans for

patients with identified diseases or conditions.

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

80% of students will score 75% or higher on practicum exam.

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

80% of students will score 80% or higher on student assessment.

**Assessment Method:** Portfolios  
**Performance Criteria:**

100% of students will include a copy of their highest scored assessment/MDS/CAT/care plan in their career portfolio.

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

80% of students will score an average of 80% or higher on assigned assessments, MDS, CATS, and care plans.

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

80% of students will pass the national DTR exam.

### **Nutrition Education**

Provide nutrition education to patients with diabetes and cardiac disorders.

**Assessment Method:** Portfolios  
**Performance Criteria:**

100% of students will highlight a patient education plan in their career portfolio.

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

80% of students will score 80% or higher on patient education assignment.

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

80% of students will pass the national DTR exam.

### **Feeding techniques and strategies**

Verbalize and demonstrate techniques and strategies for feeding a resident that optimize independence, quality of life and overall nutritional well-being.

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

90% of students will score 90% or higher on serving a meal and feeding a resident competencies.

**Assessment Method:** External examiner  
**Performance Criteria:**

90% of students will demonstrate required competencies to receive certification of completion for the Dining Assistant Program

**Assessment Method:** Portfolios  
**Performance Criteria:**

90% of students will highlight their ODH Dining Assistant Certificate in their career portfolio.

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

80% of students will pass the national DTR exam.

### **Outline:**

Modified/therapeutic diets

Enteral, parenteral, & IV feeding routes

Medical terminology, medications & laboratory parameters

Interviewing skills and meal rounds

Nutrition care process

Physiologic stress & diabetes/medical nutrition therapy

Cardiovascular disease/medical nutrition therapy

Upper GI disorders/medical nutrition therapy

Nutrition education

Feeding strategies and techniques