Sinclair Community College
444 E. Third St.
Dayton, OH 45402

Master Syllabus

DIT 2625 - Medical Nutrition Therapy I

Division: Health Sciences

Department: Dietetics and Nutrition

Credit Hour Total: 3.0 **Lecture Hrs:** 3.0

Date Revised: February 2014

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
- Critical Thinking/Problem Solving
- Computer Literacy
- Information Literacy

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