**Course Description**

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| **Course Title** | Medical nutrition therapy (2) | **Course Code** | **BND472** |
| **Program** | Therapeutic Nutrition and Dietetic | **Level** | 4th  level |
| **Credit Hours** | 3 | **Pre-requisites**  | **BND234** |
| **Course Description:** |
| This course provides students with fundamental knowledge and skills in the prevention and nutritional treatment of medical conditions such as obesity, diabetes mellitus, cardiovascular diseases, liver disorders, kidney diseases, and cancer. These topics will be illustrated to form the foundation of effective practice in correcting nutritional insufficiencies and promoting optimal health. Different teaching strategies will be employed to support and improve quality of life.Students will be evaluated through reports, written examinations, and assignments. Principles of Human Nutrition is a prerequisite for this course. |
| **Topics Covered:** |
|  | Overview of Course Content |
| Diet in Obesity and Underweight |
|  | Diet in Diabetes Mellitus |
|  | Diet in Diseases of the Cardiovascular System |
|  | Mid-term |
|  | Diet in Diseases of the Liver, Gallbladder, and Pancreatitis diseases |
|  | Diet in Kidney Disorders |
|  | Cancer |
|  | Final exam |
| **Course Learning Outcomes:**  |
| After completing this course, students would be able to |
|  | Recognize the importance and relationship between food, nutrition, and diet therapy. |
|  | Describe nutrition-related problems caused by specific diseases. |
|  | Analyze appropriate nutritional care or diet therapy for patients. |
|  | Categorize nutritional treatment based on individual case studies. |
|  | Assess the nutritional care process for patients in relevant clinical settings. |
|  | Apply nutritional care based on a patient’s medical history, etiologies, signs, and symptoms. |
|  | Communicate effectively with other staff members, employees, and students. |
|  | Collaborate with patients to explore and address nutrition problems caused by specific diseases. |
| **Textbooks:** |
|  | Mohan, L. K. (2012). Krause's Food and the Nutrition Care Process (13th ed.). Elsevier, USA. |
|  | Sharma, S. (2003). Nutrition & Therapeutic Diets (1st ed.). Jaypee Brothers Medical Publishers, India. |
| **Course Assessment:** |
|  | **Assessment Tasks** | **Mark** |
|  | Quizzes | 5 |
|  | Assignments and reports | 10 |
|  | Midterm Exam | 25 |
|  | Final Exam | 60 |
| **Total** | **100** |