**Course Description**

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| **Course Title** | | | | Training In Medical Nutrition Therapy (2) | **Course Code** | **BND474** |
| **Program** | | | | Therapeutic Nutrition and Dietetic | **Level** | 4th  level |
| **Credit Hours** | | | | 3 | **Pre-requisites** | **BND472** |
| **Course Description:** | | | | | | |
| This course provides students with practical skills in the second part of medical nutrition therapy, focusing on cases related to obesity, diabetes mellitus, cardiovascular diseases, liver, kidney, and cancer diseases. It enables students to apply the knowledge and skills gained through theoretical courses as the foundation to integrate clinical nutrition aspects into practice.  Students will be evaluated through reports, written exams, and practical exams.  Medical Nutrition Therapy 2 is a prerequisite for this course*.* | | | | | | |
| **Topics Covered:** | | | | | | |
|  | | Overview of Course Content | | | | |
|  | | Format application of Nutrition Care Process (NCP):   1. Nutrition Assessment 2. Nutrition Diagnosis 3. Nutrition Intervention or Dietary Management 4. Monitoring and Evaluation Plan   The nutrition care process (NCP) steps according to A-D-I-M-E format. | | | | |
|  | | Case study/diet plan no.1 (Obesity) | | | | |
|  | | Case studies/diet plans no.2-5 (Diabetes mellitus) | | | | |
|  | | Med Exam | | | | |
|  | | Case study/diet plan no.6 (Cardiovascular) | | | | |
|  | | Case study/diet plan no.7 (Liver) | | | | |
|  | | Case study/diet plan no.8 (Kidney) | | | | |
|  | | Case studies/diet plans no.9-13 (Cancer) | | | | |
|  | | Final Exam | | | | |
| **Course Learning Outcomes:** | | | | | | |
| After completing this course, students would be able to: | | | | | | |
|  | **Recognize** the role of students in reviewing relevant information based on the age/sex of the case in nutrition practice. | | | | | |
|  | **Describe** appropriate meal plans for patients based on their specific situations. | | | | | |
|  | **Manage** nutritional priority requirements according to the age/sex of the case. | | | | | |
|  | **Design** a nutrition care program based on the nutritional assessment of case studies/patients. | | | | | |
|  | **Practice** suitable nutrition interventions according to the patient’s case history. | | | | | |
|  | **Monitor and evaluate** the implementation of appropriate meal plans and nutrition education based on the identified priorities. | | | | | |
|  | **Cooperate** with the patient to determine suitable nutrition interventions and education based on their nutritional status. | | | | | |
|  | **Assess and follow up** professional behavior while handling case studies, using the Nutrition Care Process as a foundation. | | | | | |
| **Textbooks:** | | | | | | |
|  | Width, M., & Reinhard, T. (2009). The Clinical Dietitian’s Essential Pocket Guide. Lippincott Williams & Wilkins, Philadelphia, USA. | | | | | |
|  | Gupta, L.C., Priya, & Gupta, Anjula. (2008). Step by Step Count Your Calories (1st ed.). JAYPEE, India. | | | | | |
| **Course Assessment:** | | | | | | |
| **No.** | | | **Assessment Tasks** | | **Mark** | |
|  | | | Quizzes | | 5 | |
|  | | | Assignments and reports | | 10 | |
|  | | | Midterm Exam | | 35 | |
|  | | | Final Exam | | 50 | |
| **Total** | | | | | **100** | |