**Course Description**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Title** | | | Training in Medical Nutrition Therapy1 | **Course Code** | **BND365** |
| **Program** | | | Therapeutic Nutrition and Dietetic | **Level** | 3rd level |
| **Credit Hours** | | | 3 | **Pre-requisites** | **BND362** |
| **Course Description:** | | | | | |
| This course provides the student with practical skill in medical nutrition therapy cases of protein energy malnutrition anemia, vitamin A, iodine deficiency, vitamin D deficiency and gastrointestinal diseases to enable student to utilize the knowledge and skills gained through theoretical courses as the theoretical foundation to integrate nutrition clinical aspect into practice to impact nutritional wellbeing of individuals cases through using different teaching methods. The students will be evaluated through report, written exam and practical exam. Medical nutrition therapy 1 is a prerequisite course. | | | | | |
| **Topics Covered:** | | | | | |
|  | **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 (Malnutrition) | | | | |
|  | Case studies/diet plans no.2-5 (All types of Anemia) | | | | |
|  | Med Exam | | | | |
|  | Case study/diet plan no.6 (Vitamin A deficiency) | | | | |
|  | Case study/diet plan no.7 (Iodine Deficiency Disorder (IDD)) | | | | |
|  | Case study/diet plan no.8 (Vitamin D deficiency) | | | | |
|  | Case studies/diet plan no.9-13 (Diet in Diseases of the Gastrointestinal Tract) | | | | |
|  | Final Exam | | | | |
| **Course Learning Outcomes:** | | | | | |
| After completing this course, students would be able to: | | | | | |
|  | Recognize the role of students to review relevant information based on age/sex of case in the nutrition practice. | | | | |
|  | Describe the appropriate meal plan to the patients according to their situation. | | | | |
|  | Manage appropriate nutritional priority requirement based on age/sex of case. | | | | |
|  | Design nutrition care program based on nutritional assessment of case study/patients. | | | | |
|  | Practice appropriate nutrition intervention according to case history. | | | | |
|  | Monitor and evaluate implement appropriate meal plan and nutrition education based on priority investigated. | | | | |
|  | Cooperate with patient to estimate appropriate nutrition intervention and nutrition education based on appropriate nutritional situation. | | | | |
|  | Assess and follow up professional behavior during dealing with case study and reported based on nutrition care process. | | | | |
| **Textbooks:** | | | | | |
| 1 | Width, M, Reinhard, T (2009), The clinical dietitian’s essential pocket guide. Lippincott Williams and Wilkins, Philadelphia, USA. | | | | |
| 2 | LC Gupta Priya Gupta Anjula, (2008), Step by step count your calories, 1st edition, JAPEE, India. | | | | |
| **Course Assessment:** | | | | | |
| **No.** | | **Assessment Tasks** | | **Mark** | |
|  | | Quizzes | | 5 | |
|  | | Assignments and reports | | 10 | |
|  | | Midterm Exam | | 35 | |
|  | | Final Exam | | 50 | |
| **Total** | | | | **100** | |