Instructor: Kelly Eiden, PhD, RD, LDN
Credits: 3 credit hours
Class Hours: 6:00 pm-9:00 pm, Monday evenings
Location: Loyola Health Sciences campus, SON, Rm 2512A
Office Hours: As arranged
Email: keiden@lumc.edu
Phone: (o) 708-216-0434 (c) 630-215-7752

Required References:


Medical dictionary, such as Taber’s

Diagnostic test manual which includes procedures and lab analysis information

Additional required readings may be assigned throughout the term; consider any materials posted to the FONU 403 Blackboard site to be required reading. Consider any reading provided by a supervised practice preceptor (SPP) to be required.

**Course Prerequisite:** FONU 420

**Course Description:** This course includes the study of medical nutrition therapy (MNT) theory for dietetic practice including acute care, long term and outpatient environments. Complex medical conditions including trauma, burns, transplant, oncology, diabetes mellitus, sepsis, cardiovascular, gastrointestinal, neurological, renal and disorders. Alternate modalities of nutrition supported are included. The course includes theoretical foundations of patient care protocols, synthesis of research findings, and trends in health care related to practice protocols. This course should be taken in conjunction with FONU 423 for current Loyola dietetic interns. The course will focus on theoretical foundations, and synthesis of research trends into practice protocols.
**Course Outcomes:**
The following are general objectives. Additional objectives may be identified by the instructors. Successful completion of the course will enable the student to:

- Complete nutrition screenings and assessments on individuals and population groups with various clinical conditions, including diabetes, cardiovascular disorders, renal disease, liver disease, cancer, AIDS, surgery, trauma, burns and GI disorders
- Develop, implement, and evaluate nutrition care plans for the above situations
- Effectively use communication and data management systems (verbal, written, electronic) in the practice of dietetics
- Provide nutrition education and counseling to consumers, clients, professional and other staff in practice settings
- Apply current research in the practice of dietetics
- Develop nutrition programs for community groups to optimize health objectives of agency
- Critique evidence based guidelines and literature for consideration in nutrition care plans

**Teaching methods:**
The first 60-90 minutes of class will be dedicated to a weekly quiz as well as literature review of current journal articles related to the class topic. Each week a team of 2 students will present a journal article using article review guidelines posted on blackboard. The remaining half of the class will be new material presented in an interactive lecture format.

**Assignments:**
A reminder that all assignments should be typed and appropriate grammatical structure should be used, including those that are part of your supervised practice. Professionalism in presentation, including verbal or written, is vital to development of entry-level competence in the field of dietetics. Plagiarism will not be tolerated and will result in failure of the assignment, exam and/or course. This applies to exams, as well as other assignments

**Reading Assignments and Article Presentations:**
Five to seven reading assignments will be assigned for each weekly lecture topic and will be posted on Blackboard in advance. Each student is expected to read all assigned readings and articles in preparation for a discussion on the articles. Students will pair up in teams of 2 and present an article as assigned. Article critique guidelines will be posted on blackboard. Your class participation grade is largely graded on your willingness to participate in the article discussion portion of class. Material from weekly readings may be included on quizzes and the final exam. Discussion questions will follow the oral presentations and all students are expected to participate in discussion. Presentation and discussion of articles will count toward the course grade.
**Cases for Class Discussion:**
Each week one or more patient cases will be presented by the instructor in class. These cases will be related to the weekly topic, and discussion of these cases will count toward participation grade. Material covered in the cases may be included on the quiz the following week.

**Quizzes:**
Quizzes will be given at the start of each class throughout the course of the semester, which will include materials from the readings, class discussion, and case studies in class. If a quiz is missed, it can be taken before class the following week. This must be arranged with the instructor.

**Final Exam:**
The final exam will be cumulative and worth 25% of the total grade for the course.

**MNT Project:**
The class will be divided into pairs to produce an evidence based Patient Care Guideline using journal articles and other references. You will receive examples of guidelines to work from.
The goal of this project is to develop a practical care guide based on evidence-based nutrition that could be disseminated to our clinical preceptors and other LUMC staff. Students can select a topic from a list that the instructor will provide. Team members, topics of interest and drafts are accepted in person or via email according to the following schedule:

- **Topics/Team members due** Monday 9/9 – email to Kelly
- **First Draft** Monday 10/21 – email to Kelly
- **Final Draft** Monday 12/2 – email to Kelly

**Grading Summary**

<table>
<thead>
<tr>
<th>Component</th>
<th>% of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article Presentation</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>MNT Project</td>
<td>20%</td>
</tr>
<tr>
<td>Class participation/attendance</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
</tbody>
</table>

**Class Topics by Date:**
All topics are subject to change at the instructor’s discretion at least one week in advance of lecture. Each spring the intern will attend a lecture on the nutritional management of burns taught by an advance practice burn unit RD and will be accompanied by a burn unit facility tour. Additional guest speakers may be utilized throughout the semester when appropriate.
**Topic/Date:**

8/26    CVD/lipids
9/2     Labor Day – NO CLASS
9/9     DM/metabolic syndrome
9/16    Neurology/HIV
9/23    Obesity: Behavioral, Pharmacological and Surgical Interventions
9/30    Liver
10/7    NO CLASS – Fall Break
10/14   Oncology
10/21   Trauma/Burn and Nutrition Support- EN
10/28   NO CLASS - WORK ON EVIDENCE BASED GUIDELINES ASSIGNMENT
11/4    Renal
11/11   Neonatology and Pediatrics
11/18   NO CLASS - BLACKBOARD ASSIGNMENT
11/25   GI presentations, Short Bowel Syndrome (SBS)/Pancreatitis
        GI: Functional Bowel Disorders & Inflammatory Bowel Disease
12/2    Nutrition Support- PN/Acid Base/Respiratory
12/9    Final Exam – take home exam

**Grading:** All grades will be assigned based on the following criteria

<table>
<thead>
<tr>
<th>Grade</th>
<th>% range</th>
<th>Grade</th>
<th>% range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100</td>
<td>C+</td>
<td>81-82</td>
</tr>
<tr>
<td>A-</td>
<td>91-92</td>
<td>C</td>
<td>77-80</td>
</tr>
<tr>
<td>B+</td>
<td>89-90</td>
<td>C-</td>
<td>75-76</td>
</tr>
<tr>
<td>B</td>
<td>85-88</td>
<td>D+</td>
<td>74</td>
</tr>
<tr>
<td>B-</td>
<td>83-84</td>
<td>D</td>
<td>70-73</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>F</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>69 or below</td>
</tr>
</tbody>
</table>

Attendance and participation includes supervised practice, seminars and other scheduled experiences, such as Lobby Day, Health Fairs, or meetings requested by LDI Director or course instructor. Failure to attend a seminar or other similar activity will require completion of an alternate assignment as outlined in LDI Guidebook Policy 22. If this is not completed the course grade will not be entered and an "incomplete" will be recorded until the make-up assignment is submitted to the course instructor.

Please make certain to familiarize yourself with the policies and expectations for SON graduate students, particularly related to a) academic integrity, and b) good academic standing. These policies can be found in the LDI Student Guidebook, SON Master's Student Handbook, and Graduate School website (http://www.luc.edu/gradschool/academics_policies.shtml#academic_integrity).