

Eastern Illinois University
Revised Course Proposal

Banner/Catalog Information (Coversheet)

1. ☐ New Course or ☒ Revision of Existing Course
2. Course prefix and number: ☐ NTR 4752
3. Short title: ☐ Focus on Diabetes
4. Long title: ☐ Focus on Diabetes
5. Hours per week: ☐ 1 Class ☐ 0 Lab ☐ 1 Credit
6. Terms: ☐ Fall ☐ Spring ☐ Summer ☒ On demand
7. Initial term: ☐ Fall ☐ Spring ☒ Summer Year: ☐ 2022
8. Catalog course description: Overview of the management of diabetes mellitus in various sections of the U.S. population.
9. Course attributes:
General education component: ☐ none
☐ Cultural diversity ☐ Honors ☐ Writing centered ☐ Writing intensive ☐ Writing active
10. Instructional delivery
Type of Course:
☒ Lecture ☐ Lab ☐ Lecture/lab combined ☐ Independent study/research
☐ Internship ☐ Performance ☐ Practicum/clinical ☐ Other, specify:
Mode(s) of Delivery:
☐ Face to Face ☒ Online ☐ Online Synchronous ☒ Online Asynchronous
☐ Study Abroad
☐ Hybrid, specify approximate amount of on-line and face-to-face instruction
11. Course(s) to be deleted from the catalog once this course is approved. ☐ none
12. Equivalent course(s): ☐ none
a. Are students allowed to take equivalent course(s) for credit? ☐ Yes ☒ No
13. Prerequisite(s): NTR 2100, NTR 2190 or equivalent
a. Can prerequisite be taken concurrently? ☐ Yes ☒ No

b. Minimum grade required for the prerequisite course(s)? D

c. Use Banner coding to enforce prerequisite course(s)? x Yes No

d. Who may waive prerequisite(s)?

 No one Chair x Instructor Advisor Other (specify)

14. Co-requisite(s): none

15. Enrollment restrictions

a. Degrees, colleges, majors, levels, classes which may take the course: All

b. Degrees, colleges, majors, levels, classes which may not take the course: None

16. Repeat status: x May not be repeated May be repeated once with credit

17. Enter the limit, if any, on hours which may be applied to a major or minor: 1

18. Grading methods: x Standard CR/NC Audit ABC/NC

19. Special grading provisions:

 Grade for course will not count in a student's grade point average.

 Grade for course will not count in hours toward graduation.

 Grade for course will be removed from GPA if student already has credit for or is registered in:

 Credit hours for course will be removed from student's hours toward graduation if student already has credit for or is registered in: _____

20. Additional costs to students:

Supplemental Materials or Software none _____

Course Fee x No Yes, Explain if yes _____

21. Community college transfer:

 A community college course may be judged equivalent.

x A community college may not be judged equivalent.

Note: Upper division credit (3000+) will not be granted for a community college course, even if the content is judged to be equivalent.

Rationale, Justifications, and Assurances (Part I)

1. ☐ Course is required for the major(s) of _____
☐ Course is required for the minor(s) of _____
☐ Course is required for the certificate program(s) of _____
☒ Course is used as an elective for those who meet the course prerequisite, specifically those students enrolled in the BS in Nutrition and Dietetics, MSND programs as well as the NTR minor.

2. **Rationale for proposal:** This course was designed in 2004 and offered to BS and MS students within the Family and Consumer Sciences dietetics options to enhance students' skills and knowledge to become stronger diabetes educators. In 2016, the course content and teaching modality were modified and changed to an online only course. In Summer 2021, the course description, learning objectives and content were examined by two practicing Registered Dietitian Nutritionists who also hold the Diabetes Care and Education Specialist credential. Based, in part on their review as well as commentary from recent alumni, the course proposal was modified to include a greater focus on life cycle stage implications and self-management.

3. **Justifications for (answer N/A if not applicable)**
Similarity to other courses: Some of the content in the proposed course is similar to some of the content presented in Nutrition Therapy (NTR 4749) and Medical Nutrition Therapy - Fall (NTR 5150). However, this course provides a continuum for the interested student and discusses diabetes and the self-management of diabetes in much greater detail.
Prerequisites: NTR 2100, NTR 2190, or equivalent. The successful completion of an introductory nutrition class is necessary as the information presented in this course builds on the foundational knowledge of nutrition, including the metabolism of the macronutrients.
Co-requisites: N/A
Enrollment restrictions: N/A
Writing active, intensive, centered: N/A

4. **General education assurances (answer N/A if not applicable)**
General education component: N/A
Curriculum: N/A
Instruction: N/A
Assessment: N/A

5. **Online/Hybrid delivery justification & assurances (answer N/A if not applicable)**
Online or hybrid delivery justification: Since the inception of the online offering of this course in Summer 2016, enrollment has been consistent and strong.
Instruction: A variety of learning materials, such as videos, video lectures, research articles, credible websites, podcasts, and recorded guest lectures, will be utilized. All faculty who deliver this course online will be OCDi (or appropriate equivalent) trained.

Integrity: The instructor will correspond with each student on a regular basis. The quizzes will be timed and available for a limited time span with Respondus Lockdown browser enabled; however, notes and other resources can be utilized. Academic integrity of written work will be preserved and monitored for originality and authenticity with the most current technology available.

Interaction: Faculty will be available for student interaction at the faculty member's discretion, but could include email, feedback via assignment dropboxes, telephone, and on-line office hours. As this is an intense, four-week course offered in the summer, interaction among the students will be limited.

Model Syllabus (Part II)

1. Course number and title: NTR 4752 Focus on Diabetes
2. Catalog description: Overview of the management of diabetes mellitus in various sections of the U.S. population.
3. Learning objectives

Upon completion of this course, students will be able to

- a. discuss the epidemiology, pathophysiology, and clinical presentation of Type 1, Type 2, and gestational diabetes mellitus. (CT4, QR3, WR3) (GLG a-d)
- b. examine treatment protocols based on the various forms of diabetes. (CT4, WR5, QR2), (GLG a,c)
- c. develop appropriate medical nutrition therapy for those with diabetes. (CT 5, WR7, WR4, QR1, RC2) (GLG a-e)
- d. examine the inter-related components of diabetes self-management in the support of those with diabetes. (CT5, WR4, QR5) (GLG a,b,c,e)
- e. examine special considerations of diabetes throughout the life cycle. (CT4, WR6, QR6) (GLG a,c,e)

Upon completion of the course, graduate students will critically examine the necessary care provided to an individual with diabetes. (GLG a-e)

4. Course Materials:
No text will be assigned to this course; however, the following material will be used in the planning and implementing of the course:

Khan Academy videos

Education materials and resources from the American Diabetes Association

Various current journal articles from peer-reviewed journals

5. Outline of content. The course will be divided into weekly modules of learning and will be offered as a summer 4-week offering. The outline below illustrates the 16-week equivalent course outline:

Week	Topic	Contact Hours
1-4	Overview: Etiology, pathophysiology and prevalence	3
5-8	Medical management: Diagnosis and clinical presentation, treatment protocols, and complications	3
9-12	Diabetes Self-Management Education and Support: MNT, Pharmacology, and Exercise	3.5
13-16	Living Well with Diabetes: Mental Health and Life Cycle Considerations	3

6. Assignments and evaluation, including weights for final course grade.

Undergraduate

Reflections

20 points (20%)

Applications

40 points (40%)

Quizzes	<u>40 points (40%)</u>
Undergraduate total	100 points

Graduate

Reflections	20 points (15%)
Applications	40 points (30%)
Quizzes	40 points (30%)
Case Study	<u>30 points (25%)</u>
Total points (graduate)	130 points

There is no final examination for this course.

7. Grading scale.

90-100% A	80-89% B	70-79% C	60-69% D	<60% F
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8. Correlation of learning objectives to assignments and evaluation.

Course Objective	Reflect (15-20%)	Apps (30-40%)	Quiz (30-40%)	Case Study (25%)
Discuss the epidemiology, pathophysiology, and clinical presentation of Type 1, Type 2, and gestational diabetes mellitus. (CT4, QR3, WR3) (GLG a-d)	x	x	x	
Examine treatment protocols based on the various forms of diabetes. (CT4, WR5, QR2), (GLG a,c)	x	x	x	
Develop appropriate medical nutrition therapy for those with diabetes. (CT 5, WR7, WR4, QR1, RC2) (GLG a-e)		x	x	
Examine the inter-related components of diabetes self-management in the support of those with diabetes. (CT5, WR4, QR5) (GLG a,b,c,e)		x	x	
Examine special considerations of diabetes throughout the life cycle. (CT4, WR6, QR6) (GLG a,c,e)	x	x	x	
Graduate Student: critically examine the necessary care provided to an individual with diabetes. (GLG a-e)				X

Date approved by the NTR Curriculum Committee: December 1, 2021

Date approved by the CHHS Curriculum Committee: January 24, 2022

Date approved by CAA: March 3, 2022

Date approved by CGS: