

**Eastern Illinois University  
Revised Course Proposal  
FCS 4752, Focus on Diabetes**

**Banner/Catalog Information (Coversheet)**

1. ☐ New Course or ☒ Revision of Existing Course
2. Course prefix and number: FCS 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: 2016
8. Catalog course description: Overview of the management of diabetes mellitus in various sections of the American 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 ☐ 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): FCS 2100 or its 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: Anyone who meets the prerequisites

b. Degrees, colleges, majors, levels, classes which may not take the course: Those who don't meet prerequisites and student class standing.

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 \_\_\_\_\_  
 \_x\_ Course is used as an elective for those who meet the course prerequisite.
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. While this course is still a viable elective for undergraduate and graduate Nutrition and Dietetic students, offering the course online will increase the number of students taking the course currently.

### **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 (FCS 4751) and Medical Nutrition Therapy - Fall (FCS 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: FCS 2100 or its 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: Online delivery of this course is justified by the following: 1. potential increase in enrollment in this course and is supported by our School's recruitment initiatives; 2. credible electronic materials are readily available to the students at no cost which lends the course to being successful online; and 3. the online delivery increases the flexibility and accessibility of this course to our students, both traditional and non-traditional students.

Instruction: Students will be assigned a discussion question or reflection each week concerning the material covered. They will also be required to post a response to at least one other student's response. A discussion rubric will be used to evaluate the content of the discussion. Each of the four modules will require students to read the assigned materials, view presentations (powerpoints with audio and/or videos), and complete related discussions. Instructors teaching online offerings will be trained/qualified as per university guidelines (e.g., ODCI).

**Integrity:** The instructor will correspond with each student on a regular basis. Each posting on the discussion board will reflect the student's name and will be monitored carefully. The discussions will be structured in a manner that will allow for the integration of the materials on a deeper level. Turnitin plagiarism software will be used to help ensure original and authentic written work. The examination will be timed and available for a limited time span with Respondus Lockdown browser enabled; however, notes and other resources can be utilized.

**Interaction:** Each student will be interacting directly with each other via D2L. Discussion boards, email, chat rooms and assignment boxes will be used for direct communication. Students will also have the opportunity to correspond through telephone or in person on campus, if they so desire.

### **Model Syllabus (Part II)**

Please include the following information:

1. Course number and title: FCS 4752 Focus on Diabetes
2. Catalog description: Overview of the management of diabetes mellitus in various sections of the American 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. (CT-I, CT-III, WR-I, WR-III, QR-I, QR-III, SL-III) (GLG a-d)
- b. articulate the role of psychosocial assessment and family/caregiver support in relation to successful diabetes management. (CT-II, WR- II, QR- III) (GLG a, b, c)
- c. justify the use of early aggressive intervention, including nutrition education, nutrition therapy, exercise, blood sugar monitoring, oral agents, and/or intensive insulin therapy. (CT-II, CT-III, WR-II, WR-III, QR-II, QR-III) (GLG a-d)
- d. explain the relationship of glycemic control, the development and prevention of acute and chronic diabetic complications in Type 1 and Type 2 diabetes. (CT-IV, WR-IV, QR-IV, SL-IV) (GLG a,b,c)
- e. examine special considerations of diabetes throughout the life cycle, such as dementia, hearing loss, sleep apnea, sexual dysfunction, and Healthy At Every Size philosophy (CT-I, CT-III, WR-I, WR-III, QR-I, QR-III, SL-III) (GLG a,c)

Upon completion of the course, graduate students will develop a proposal for a community diabetes education program. (GLG a-d)

#### **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:

Franz, Marian, ed. (2015). *Core Curriculum in Diabetes Education, 6th ed.* American Association of Diabetes Educators.

Current articles will be assigned in class

5. Outline of content. The course will be divided into 4 modules of learning:

Module	Topic	Contact Hours
1	Pathophysiology and clinical presentation	3
2	Assessment of nutritional, psychosocial, motivational, and educational needs	3
3	Intervention strategies	3.5
4	Complications and Special Considerations	3

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

Discussions/reflections	56 points
Case Study	20 points
Examination	<u>24 points</u>
Undergraduate total	100 points
Community Diabetes Education Program (graduate)	<u>50 points</u>
Total points (graduate)	150 points

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	Discussions/ Reflections	Case Study	Exam	Diabetes Program
discuss the epidemiology, pathophysiology, and clinical presentation of Type 1, Type 2, and gestational diabetes mellitus.	x	x	x	
articulate the role of psychosocial assessment and family/caregiver support in relation to successful diabetes management		x	x	
justify the use of early aggressive intervention with nutrition therapy, exercise, and blood sugar monitoring, oral agents, and/or intensive insulin therapy in a variety of clinical cases	x	x		x
explain the relationship of glycemic control, the development and prevention of acute and chronic diabetic complications in Type 1 and Type 2 diabetes.	x	x	x	
examine special considerations of diabetes throughout the life cycle, such as dementia, hearing loss, sleep apnea, sexual dysfunction, and the Healthy at Every Size philosophy	x		x	

**Date approved by the SFCS Curriculum Committee:**

October 15, 2015

**Date approved by the LCBAS Curriculum Committee:**

November 10, 2015

**Date approved by CAA:**

**Date approved by CGS:**