Eastern Illinois University
New/Revised Course Proposal Format

CGS Agenda Item: 21-10
Effective Fall 2021

Banner/Catalog Information (Coversheet)

1. **__x__New Course or ___ Revision of Existing Course**
2. **Course prefix and number:** NTR 5610
3. **Short title:** Systematic Review in NTR
4. **Long title:** Systematic Reviews in Nutrition and Dietetics
5. **Hours per week:** 3 Class 0 Lab 3 Credit
6. **Terms:** __X_ Fall __X_ Spring __ Summer On demand
7. **Initial term**: X Fall ___ Spring ___ Summer Year: 2021
8. **Catalog course description:** Application of research methodologies and utilization of evidence-based practice in the drafting of a systematic review in the field of nutrition and dietetics.
9. **Course attributes:**

   General education component: _____N/A_____

   ___ Cultural diversity ___ Honors ___ Writing centered ___ Writing intensive ___Writing active

10. **Instructional delivery**
    Type of Course:

    X Lecture ___ Lab ___ Lecture/lab combined ___ Independent study/research

    ___ Internship ___ Performance ___ Practicum/clinical ___ Other, specify: _____

    Mode(s) of Delivery:

    X Face to Face X 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. N/A
12. **Equivalent course(s):** _____N/A_____

    a. **Are students allowed to take equivalent course(s) for credit?** ___ Yes X No

13. **Prerequisite(s):** NTR 5600 Research Methods in Nutrition and Dietetics

    a. **Can prerequisite be taken concurrently?** ___ Yes __X_ No

b. Minimum grade required for the prerequisite course(s)? _ C __

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): _____N/A_____

15. Enrollment restrictions

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

MS in Nutrition and Dietetics: Dietetic Internship Option; MS in Nutrition and Dietetics: Nutrition Education Option

b. Degrees, colleges, majors, levels, classes which may not take the course: All others

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: 3

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_____

Course Fee _X__No ___Yes, Explain if yes_____

21. Community college transfer: N/A

___ 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. _x__Course is required for the major(s) of MS in Nutrition and Dietetics, both options

   ___Course is required for the minor(s) of _____

   ___Course is required for the certificate program(s) of _____

   ___ Course is used as an elective

2. **Rationale for proposal**.

   The addition of this course would provide opportunities to achieve the ACEND (accreditation body) competency for research methodology, interpretation of research literature, and integration of research principles into evidence-based practice by writing a systematic review as a culmination project.

3. **Justifications for (answer N/A if not applicable)**

   Similarity to other courses: There are other graduate-level research methods on campus, but this course focuses on the methods and applications, such as clinical trials, experimental design, and systematic reviews, which are common to the nutrition and dietetics discipline.

   Prerequisites: NTR 5600 Research Methods in Nutrition and Dietetics will provide for a stronger research methodology foundation for when the students write a systematic review.

   Co-requisites: None

   Enrollment restrictions: Due to the specificity of the research examined, enrollment in the course will be restricted to those enrolled in the MS in Nutrition and Dietetics options.

   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: This course will be offered in-person, with the flexibility of being offered online. Other classes in the program have been offered in the online format successfully, and the faculty will have the appropriate experience and training to deliver quality courses in either modality.

   Instruction: Lectures from the face-to-face courses may be recorded and posted online for students to view. Other online components (e.g., tutorials, videos, discussions) will be included. All faculty who will deliver this course online are/will be OCDi (or appropriate equivalent) trained.

Integrity: The integrity of the course will not be compromised by offering an online mode of delivery. The online version of the course will utilize the same PowerPoint lectures (with slides regularly complemented by audio/video aids) and exams will include the same content and allotted time (e.g., Respondus Lockdown browser can be enabled). Academic integrity of written work will be preserved and monitored for originality and authenticity with the most current technology available. Student written work may be compared to discussion board content to monitor authenticity.

Interaction: At the discretion of the faculty, provisions and requirements would vary but generally will utilize Email, chat rooms, discussion boards, assignment drop boxes, telephone, and on-line office hours. Students will participate in online discussion boards through their own posts in response to their peer students and to the instructor. In addition to responding to students' posts, the instructor will monitor discussion board posts to ensure that a respectful, professional, and academic tone is maintained.

Model Syllabus (Part II)

Please include the following information:

1. Course number and title: NTR 5610 Systematic Reviews in Nutrition and Dietetics

2. Catalog description: Application of research methodologies and utilization of evidence-based practice in the drafting of a systematic review in the field of nutrition and dietetics.

3. Learning objectives.
Upon completion of this course, students will

- **a)** Select appropriate procedures for collecting, analyzing, and interpreting data (A,B,D,E)
- **b)** Examine the ethical standards for research and protection of subjects (A,D,E)
- **c)** Apply evidence-based guidelines when drafting the systematic review and technical presentation. (A-E)
- **d)** Evaluate emerging research for application in nutrition and dietetics practice. (A,B,D)
- **e)** Demonstrate proficiency in professional technical communication skills (C)

Graduate Learning Goals

Depth of content knowledge (A)
Effective critical thinking and problem solving (B)
Effective oral and written communication (C)
Advanced scholarship through research or creative activity (D)
Ethical and professional responsibility (E)

4. Course materials. The following are examples of textbooks instructors may use for the course. Other materials, such as published articles and videos, may be used as appropriate.

Gough D., Oliver, S., Thomas, J. (2017). *An Introduction to Systematic Reviews, 2nd Ed.* Sage Publications, Thousand Oaks: CA. (we're already using this one)

Drummond, K.E., Murphy-Reyes, A. (2018). *Nutrition Research: Concepts & Applications.* Jones & Bartlett, Burlington, MA

5. Weekly outline.

Date	Topic
Week 1	Introduction and Topic Discovery
Week 2	Professional technical communication: Verbal
Week 3	Professional technical communication: Written
Week 4	Presentations of Systematic Review Research
Week 5	Intro to Analysis and Synthesis of Scientific Data – Quality Assessment
Week 6	Evidence Analysis Library – Quality Assessment
Week 7	Details of APA format and developing your systematic review
Week 8	Student technical presentations, discussion, and evaluation
Week 9	Student technical presentations, discussion, and evaluation
Week 10	Student technical presentations, discussion, and evaluation
Week 11	Student technical presentations, discussion, and evaluation
Week 12	Student technical presentations, discussion, and evaluation
Week 13	Student technical presentations, discussion, and evaluation
Week 14	Student technical presentations, discussion, and evaluation
Week 15	Student technical presentations, discussion, and evaluation
Week 16	No final examination

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

Presentation of existing literature	8%
Quality Assessment Paper/Project	8%
Technical presentation	30%
Systematic review	30%
Poster presentation	15%
Technical presentation self-reflection	4%
Online/In class discussions	5%

7. Grading scale

A: 90%-100%
B: 80%-89%
C: 70%-79%
D: 60%-69%
F: 59% and below

8. Correlation of learning objectives to assignments and evaluation.

Student Learning Objective	Pres. Of Ex. Lit. 8%	Qual Assess Paper 8%	Tech. Pres. 30%	Systematic Review 30%	Poster 15%	Self-reflect 4%	Discuss 5%
Select appropriate procedures for collecting, analyzing, and interpreting data (A,B,D,E)	x	x	x	x	x		x
Examine the ethical standards for research and protection of subjects (A,D,E)	x	x	x	x	x		x

Apply evidence-based guidelines when drafting the systematic review and technical presentation. (A-E)			x	x	x		
Evaluate emerging research for application in nutrition and dietetics practice. (A,B,D)	x	x	x	x	x		x
Demonstrate proficiency in professional technical communication skills (C)	x	x	x	x	x	x	x

Date approved by the NTR Program: January 20, 2021
Date approved by the CHHS Curriculum Committee: February 4, 2021
Date approved by CAA: Not Applicable
Date approved by CGS: _____