



UNIVERSITY OF KENTUCKY

College of Nursing
Chandler Medical Center
315 CON Building
Lexington, KY 40536-0232
(859) 323-6533
Fax: (859) 323-1057
www.mc.uky.edu/Nursing

December 16, 2008

Jim Lindsay
Health Care Colleges Coordinator
205 Frazee Hall

Dear Jim:

Enclosed is an application for a new course to be offered in the PhD program of College of Nursing for review and approval by the Health Care Colleges Committee. The first offering of the course is planned for Fall 2009. Please contact me if you have any questions or concerns about this application.

Best Regards,

A handwritten signature in cursive script, appearing to read 'Terry'.

Terry A. Lennie, PhD RN
Associate Dean, PhD Studies
College of Nursing
University of Kentucky

Office: 323-6631
Email: tlennie@uky.edu

APPLICATION FOR NEW COURSE

1. Submitted by the College of Nursing Date: 12-15-2008

Department/Division proposing course: Nursing

2. Proposed designation and Bulletin description of this course:

Prefix and

a. Number NUR 770

b. Title* Philosophical Foundations of Nursing Science

*If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts:

Phil Found Nur Science

c. Courses must be described by at least one of the categories below. Include the number of actual contact hours per week for each category, as applicable.

() CLINICAL () COLLOQUIUM () DISCUSSION () LABORATORY () LECTURE
() INDEPEND. STUDY () PRACTICUM () RECITATION () RESEARCH () RESIDENCY
(3) SEMINAR () STUDIO () OTHER – Please explain: _____

Please choose a grading

d. system: Letter (A, B, C, etc.) Pass/Fail

e. Number of credit hours: 3

f. Is this course repeatable? YES NO If YES, maximum number of credit hours: _____

g. Course description:

The study of science as a way of reasoning and knowing, as it is influenced by the social, political, and gender contexts of scientists; the exploration of the philosophical foundations of nursing as a science and a historical evaluation of significant contributions to nursing science.

h. Prerequisite(s), if any:

Admission to the graduate program in nursing or consent of instructor.

i. Will this course be offered through Distance Learning? YES NO
If YES, please circle one of the methods below that reflects how the majority of the course content will be delivered:

Internet/Web-based Interactive video Extended campus Kentucky Educational Television (KET/teleweb) Other
Please describe "Other": _____

3. Teaching method: N/A or Community-Based Experience Service Learning Component Both

4. To be cross-listed as: NA Signature of chair of cross-listing department
Prefix and Number

5. Requested effective date (term/year): Spring / 2009

6. Course to be offered (please check all that apply): Fall Spring Summer

7. Will the course be offered every year? YES NO
If NO, please explain: _____

8. Why is this course needed?
a. Because the course currently required is offered by the Department of Philosophy only every other year, many of our students have gotten out of sequence with their curriculum plan and had to take an independent study to meet the degree requirement or risk taking an additional semester to complete course work. This was particularly true for students who started the program in the Spring of the academic year the current course was offered. Further, this course is intended to be taken early in the program; when students are not able to take it until the end of their coursework, it diminishes the value of the course and puts students at a disadvantage.
b. Similarly, we have started a BSN to PhD program in which students need to take the course in a given year to complete the program in a timely manner
c. The new course approaches philosophy of science from a perspective that is relevant to nursing and other health care sciences.

9. a. By whom will the course be taught? Jennifer Hatcher
b. Are facilities for teaching the course now available? YES NO
If NO, what plans have been made for providing them?

10. What yearly enrollment may be reasonably anticipated?
10-15

11. a. Will this course serve students primarily within the department? Yes No
b. Will it be of interest to a significant number of students outside the department? YES NO
If YES, please explain.

12. Will the course serve as a University Studies Program course[†]? YES NO

If YES, under what Area? _____

[†]AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.

13. Check the category most applicable to this course:

- traditional – offered in corresponding departments at universities elsewhere
- relatively new – now being widely established
- not yet to be found in many (or any) other universities

14. Is this course applicable to the requirements for at least one degree or certificate at UK? Yes No

15. Is this course part of a proposed new program? YES NO
 If YES, please name: _____

16. Will adding this course change the degree requirements for ANY program on campus? YES NO
 If YES[‡], list below the programs that will require this course:

[‡]In order to change the program(s), a program change form(s) must also be submitted.

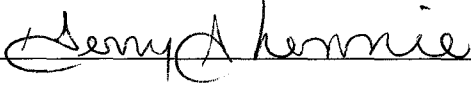

17. The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached

18. Check box if course is 400G or 500. If the course is 400G- or 500-level, you must include a syllabus showing differentiation for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)

19. Within the department, who should be contacted for further information about the proposed new course?

Name: Terry A. Lennie : Phone 323-6631 Email: talenn2@email.uky.edu

20. Signatures to report approvals:

<u>10-2-2008</u> DATE of Approval by Department Faculty	<u>Terry A. Lennie</u> printed name	 Reported by Department Chair	signature
<u>12-12-2008</u> DATE of Approval by College Faculty	<u>Jane Kirschling</u> printed name	 Reported by College Dean	signature
* DATE of Approval by Undergraduate Council	printed name	Reported by Undergraduate Council Chair	signature

Approved by GC 3/6/09 (per attached email)

* DATE of Approval by Graduate Council

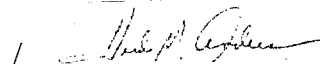
1/20/2009

Reported by Graduate Council Chair

printed name

signature

Heldi Andersson



* DATE of Approval by Health Care Colleges Council (HCCC)

Reported by Health Care Colleges Council Chair

printed name

signature

* DATE of Approval by Senate Council

Reported by Office of the Senate Council

* DATE of Approval by University Senate

Reported by Office of the Senate Council

*If applicable, as provided by the *University Senate Rules*.
(<http://www.uky.edu/USC/New/RulesandRegulationsMain.htm>)

UNIVERSITY SENATE ROUTING LOG

Proposal Title: New Philosophy of Science course proposal for College of Nursing

Contact Person (name, email & phone #): Terry A. Lennie, tlennie@uky.edu, 323-6631

Instruction: To facilitate the processing of this proposal please identify the groups or individuals reviewing the proposal, identify a contact person for each entry, provide the consequences of the review (specifically, approval, rejection, no decision and vote outcome, if any) and please attach a copy of any report or memorandum developed with comments on this proposal.

Reviewed by: (Chairs, Directors, Faculty Groups, Faculty Councils, Committees, etc,)	Contact person Name (phone/email)	Consequences of Review:	Date of Proposal Review	Review Summary Attached? (yes or no)
PhD Program Committee	Debra Moser/ dmoser@uky.edu 323-6687	Approved	10-2-2008	no
Graduate Faculty Director of PhD Program	Terry Lennie tlennie@uky.edu 323-6631	Approved	12-12-08	no
Dean	Jane Kirschling janek@email.uky.edu 323-6533	Approved	12-16-08	no
Health Care Colleges				
Graduate Council				

UNIVERSITY OF KENTUCKY
COLLEGE OF NURSING

NUR 770 – PHILOSOPHY OF SCIENCE

Fall 2009 Syllabus

JENNIFER HATCHER RN, PHD

EMAIL: JHSCOT2@UKY.EDU

PHONE: 859 257-5263

OFFICE: 531 COLLEGE OF NURSING

UNIVERSITY OF KENTUCKY COLLEGE OF NURSING

NUR 770: Philosophy of Science Syllabus

CREDIT HOURS: 3 credit hours

PREREQUISITE: Graduate student in nursing or permission from instructor

TIME AND PLACE: Wednesday, 9 am-11:50 am

Room: CTW 218

OFFICE HOURS: By appointment

COURSE DESCRIPTION: The study of science as a way of reasoning and knowing, as it is influenced by the social, political, and gender contexts of scientists.

COURSE OBJECTIVES:

This course will prepare students to:

- Explore the nature of scientists and the scientific communities that produce knowledge.
- Investigate the nature of the “facts” by which theories of science are tested and judged.
- Evaluate the validation process used by scientists to establish scientific knowledge.
- Compare and contrast different models of scientific development.
- Discuss the nature of scientific realism and anti-realism.

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LEARNING METHODS:

- Group discussion
- Self-study
- Seminar
- Presentations
- Online discussion boards

ATTENDANCE

As this is a graduate level course, you are expected to attend class and be prepared to discuss the required readings. If you have to miss class please let me know prior to class, when possible.

GRADING SCALE

A = 90-100

B = 80-89

C = 70-79

E = below 70

UNIVERSITY POLICY ON PLAGIARISM AND CHEATING:

PLAGIARISM and CHEATING are serious academic offenses. The minimum penalty for those academic offenses is final grade E in the course. The University regulations pertaining to this matter can be found at <http://www.uky.edu/StudentAffairs/Code/> Of particular relevance is Part II, SELECTED RULES OF THE UNIVERSITY SENATE GOVERNING ACADEMIC

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RELATIONSHIPS, Section 6.3 that can be found at
<http://www.uky.edu/StudentAffairs/Code/part2.html>

These rules in particular say: PLAGIARISM: All academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in anyway borrows ideas, organization, wording or anything else from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work, whether it be published article, chapter of a book, a paper from a friend or some file, or whatever. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain.

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CHEATING is defined by its general usage. It includes, but is not limited to, the wrongfully giving, taking, or presenting any information or material by a student with the intent of aiding himself/herself or another on any academic work which is considered in any way in the determination of the final grade. Any question of definition shall be referred to the University Appeals Board.

Teacher/Course Evaluations

“The University policy on faculty performance review requires that faculty obtain student evaluations of teaching for every course every semester. To meet this requirement, the College of Nursing uses web-based surveys on a confidential site for faculty and course evaluation. All students enrolled in this course are required to access the CourseEval website to fill out evaluations or to decline the opportunity within the designated time frame. Students who don’t visit each survey available to them within the designated time will receive an incomplete in the course that will remain until the surveys are accessed. Students should take this opportunity to provide serious input regarding faculty performance and course evaluation. These evaluations are used by the College of Nursing to improve the curriculum and enhance faculty teaching. Evaluations are completely anonymous. The information is compiled and shared with individual faculty members and appropriate administrators only after final grades are submitted. To receive announcements about the evaluations, students must activate and use their UK email addresses. ***Forwarding UK email to an alternate address is not a viable option.***”

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EVALUATION AND ACTIVITIES:

This course is designed to allow students to develop independent thoughts in a collaborative, stimulating environment. Unlike lecture formats, the goal of the course is to draw on the strengths and insights of each member of the class. In order to accomplish this goal all participants must be responsible, contribute thoughtfully, and take leadership roles. In order for students to meet these challenges, this class requires the following activities, which are weighted as follows:

- LEADING CLASS DISCUSSION (15%)

You will be asked to sign up to act as a leader of the discussion for one class session. In this role, you should address the readings of the week, pose thoughtful questions, and organize interesting activities that highlight the ideas behind the readings. I will be available to assist you in developing your ideas, but I encourage you to be *independent, innovative, and creative*.

- PAPERS (60%)

** PLEASE SEE THE INDIVIDUAL PAPER GUIDELINES FOR MORE DETAILS ON CONTENT OF EACH PAPER**

- **Paper one (15%)** What are the facts? The empirical basis for scientific knowledge
- **Paper two (20%)** The validation of scientific nursing theory.
- **Paper three (25%):** Antirealism or realism...choose a side!

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- **WRITING Assignment (5%)**

A short (2 pages) argumentative essay on the value of including a philosophy of science course in a doctoral program for nursing students.

- **PARTICIPATION ONLINE AND IN CLASS: (10%)**

- Participating in class is a way of engaging in the topic. Learning from your colleagues is a main objective of this course. I will assist in the flow of discussion, make sure that we discuss the content, and challenge you to fully articulate your arguments. The class leaders will facilitate the discussion in any way they choose. I will conclude with a summary if necessary.
- Part of the grade for this course will come from an *online discussion board*. Contribution to this board is mandatory. You are required to post a minimum of 2 substantive comments during an online discussion week (and you may post as many as you like). These must demonstrate your overall grasp of the readings and your knowledge of the content. You should take this opportunity to develop the arguments you will use in the argumentative essays that are the papers for the course. I will post a subject area, question or topic to be discussed based on the readings for that week. I will facilitate this online discussion board. Please keep in mind that the discussion board replaces a full class period and participate accordingly.

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- **PRESENTATION: (10%)**

This portion of your grade will be based on presentation of your final paper for class. Please read the presentation grading guidelines for more detail.

Required Texts:

Kourany, J.A. (Ed.) (1998). *Scientific knowledge: Basic issues in the philosophy of science* (2nd Ed.). Belmont, CA: Wadsworth Publishing Company.

Zucker, A. (Ed.) (1996). *Introduction to the philosophy of science*. Upper Saddle River, NJ: Prentice-Hall, Inc.

Recommended Texts:

Martinich, A.P. (2005). *Philosophical Writing: An Introduction* (3rd Ed). Malden, MA: Blackwell Publishing.

Additional Reading List

** THE FOLLOWING ARTICLES MAY BE ACCESSED FROM THE LIBRARY OR HARD COPIES ARE AVAILABLE IN MY OFFICE. BOOK CHAPTER READINGS ARE POSTED ON BLACKBOARD**

ARTICLES

Adams, T. (1991). The idea of revolution in the development of nursing theory. *Journal of Advanced Nursing*, 16, 1487-1491.

Allmark, P. (2003). Popper and nursing theory. *Nursing Philosophy*, 4, 4-16.

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- Antognoli-Toland, P.L. (1999). Kuhn and Reigel: the nature of scientific revolutions and theory construction in nursing. *Journal of Theory Construction and Testing*, 3(2), 38-41.
- Barrett, E. (2002). What is nursing science? *Nursing Science Quarterly*, 15 (1), 51-59.
- Butts, J.B. & Lundy, K.S. (2003). Teaching philosophy of science in nursing doctoral education. *Journal of Nursing Scholarship* 35 (1), 87-91.
- DiBartolo, M.C. (1998). Philosophy of science in doctoral nursing education revisited. *Journal of Professional Nursing*, 14 (6), 350-360.
- Fawcett, J. (2005). Criteria for evaluation of theory. *Nursing Science Quarterly*, 18 (2), 131-135.
- Forbes, D.A., King, K.M., Kushner, K.E., Letourneau, N.L., Myrick, A.F., & Profetto-McGrath, J. (1999). Warrantable evidence in nursing science. *Journal of Advanced Nursing*, 29 (2), 373-379.
- Ingersoll, G.L. (2000). Evidence-based nursing: What it is and what it isn't. *Nursing Outlook* 48, 151-2.
- Stanford, P.K. (2000). An antirealist explanation of the success of Science. *Philosophy of Science*, 67, 266-284.
- Wainwright, S.P. (1997). A new paradigm for nursing: The potential of realism. *Journal of Advanced Nursing*, 26(6), 1262-1271.

BOOKS

- Bernasconi and Lott (Eds.) (2000). *Readings in Philosophy: The idea of race*. Indianapolis, IN; Hackett Publishing Company, Inc.
- Curd, M. & Cover, J.A. (Eds.), (1998). *Philosophy of Science: The central issues* (1st edition). New York, NY; W.W. Norton & Company, Inc.

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Kitcher, P. (2001). *Science, Truth, and Democracy*. New York, NY; Oxford University Press.

Zack, N. (2002). *Philosophy of Science and Race*. New York, NY: Routledge.

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<i>DATE</i>	<i>TOPIC</i>	<i>READINGS AND ASSIGNMENTS</i>
<i>8/26/09</i>	<i>INTRODUCTION TO CLASS OVERVIEW OF PHILOSOPHY OF SCIENCE</i>	<i>SYLLABUS</i>
<i>9/02/09</i>	<i>WHY PHILOSOPHY OF SCIENCE FOR NURSING STUDENTS? DEBATING, ARGUING AND PHILOSOPHICAL WRITING</i>	<i>DiBARTOLO (1998); BUTTS & LUNDY (2003); ZUCKER PP 240-255. MARTINICH (2005) CHAPTERS 3&6.</i>
<i>9/9/09</i>	<i>THE EMPIRICAL BASIS OF SCIENTIFIC KNOWLEDGE: OBSERVATIONS</i>	<i>*WRITING ASSIGNMENT DUE* KOURANY PP. 75-99; FORBES, ET AL (1999)</i>
<i>9/16/09</i>	<i>THE EMPIRICAL BASIS OF SCIENTIFIC KNOWLEDGE: THE SCIENTIFIC COMMUNITY</i>	<i>KOURANY PP. 100-116 & 135-152; ZUCKER</i>
<i>9/23/09</i>	<i>THE EMPIRICAL BASIS OF SCIENTIFIC KNOWLEDGE: THE FEMALE SCIENTIST</i>	<i>KOURANY PP. 5-24; 65-74 & 117-133; ZUCKER PP 349-362.</i>
<i>9/30/09</i>	<i>ONLINE DISCUSSION BOARD: NURSING SCIENCE</i>	<i>CURD & COVER (1998) P. 20-26 & 27-37; BARRETT (2002); INGERSOLL (2000)</i>

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- 10/07/09** VALIDATION OF SCIENTIFIC KNOWLEDGE ***PAPER ONE DUE***
KOURANY PP. 164-186;
ALLMARK (2003); FAWCETT
(2005)
- 10/14/09** HISTORICAL DEVELOPMENT OF SCIENTIFIC
KNOWLEDGE KOURANY PP 253-300
- 10/21/09** MIDTERM
KUHN KOURANY PP. 212-224 &
316-326; ZUCKER PP. 158-
167
- 10/28/09** ONLINE DISCUSSION BOARD: THE
REVOLUTIONARY NATURE OF NURSING
SCIENCE ADAMS (1991); ANTOGNOLI-
TOLAND (1999)
- 11/04/09** VALIDATION OF SCIENTIFIC KNOWLEDGE KOURANY PP 187-211; ZUCKER
PP. 174-186;
- 11/11/09** REALISM ***PAPER TWO DUE***
ZUCKER PP 202-222 & 348-
354 & 369-385; KITCHER
(2001); WAINRIGHT (1997).
- 11/17/09** ANTIREALISM KOURANY PP. 355-368 &
STANFORD (1999); ZUCKER PP
223-239

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THANKSGIVING

NO CLASS

12/02/09 *ONLINE DISCUSSION BOARD: IS RACE REAL?* *BERNASCONI AND LOTT (2000); ZACK (2002)*

12/9/09 *LAST DAY OF CLASS/ *PRESENTATIONS** **FINAL PAPER DUE**

**** Additional readings may be required by course leaders or the instructor as the course develops****