New Course Request

1. School/Division: College of Health and Human Services
2. Academic Subject Code: 
3. Course Number: RADX-R310 (must be cleared with University Enrollment Services)
4. Instructor: 
5. Course Title: Seminar in Radiography

Recommended Abbreviation (Optional): (Limited to 32 Characters including spaces)
6. First time this course is to be offered (Semester/Year): Spring
7. Credit Hours: Fixed at ___ or Variable from ___ to ___
8. Is this course to be graded S-F (only)? Yes ___ No X ___
9. Is variable title approval being requested? Yes ___ No X ___
10. Course description (not to exceed 50 words) for Bulletin publication: Analysis of current trends in medical imaging and comprehensive overview of Radiography including ethical and professional performance standards assessed throughout a series of projects, examinations and clinical competency performance activities.

11. Lecture Contact Hours: Fixed at ___ or Variable from ___ to ___
12. Non-Lecture Contact Hours: Fixed at ___ or Variable from ___ to ___
13. Estimated enrollment: 20 of which ___ percent are expected to be graduate students.
14. Frequency of scheduling: every spring. Will this course be required for majors? Yes ___
15. Justification for new course: content removed from other courses in curriculum restructuring. Combined to single course
16. Are the necessary reading materials currently available in the appropriate library? Yes ___
17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.
18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: 
Date: 2/17/11

Approved by: 
Date: 

Dean: 
Date: 

Chancellor/Vice-President: 
Date: 

University Enrollment Services: 
Date: 

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.
Course Number: RADX-R310

Course Title: Seminar in Radiography

Instructor: Radiography Faculty

Course Description: Analysis of current trends in medical imaging and comprehensive overview of Radiography including ethical and professional performance utilizing practice standards and professional curriculum assessed through a series of projects, examinations and clinical performance.

Text: Mosby's Comprehensive Review of Radiography

Course Objectives: By the end of the course, the student will be able to:

- Describe professional practice in terms of procedural and technical performance
- Evaluate equipment
- Compare and contrast various image capture and production systems
- Assess quality performance in the care and treatment of patients in a variety of settings and scenarios
- Identify Radiation safety issues as related to patients, radiographers, other health care providers and the general public
- Discuss current and future trends in medical imaging

Course Outline:

I. Radiographic Procedure assessment
   - Non-contrast studies
   - Contrast studies

II. Equipment Evaluation

III. Image Capture and Production systems

IV. Quality Patient Care Analysis
   - Professional Standards

V. Radiation Safety