New Course Request

Check Appropriate Boxes: Undergraduate credit ☑️ Graduate credit ☐ Professional credit ☐

1. School/Division: College of Health and Human Services
2. Academic Subject Code: ____________________________

3. Course Number: RADX-R305 (must be cleared with University Enrollment Services)
4. Instructor: ____________________________

5. Course Title: Radiographic Image Critique

Recommended Abbreviation (Optional): ____________________________ (Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Fall 2011

7. Credit Hours: Fixed at ___________ or Variable from ___________ to ___________

8. Is this course to be graded S-F (only)? Yes ☑️ No ☐

9. Is variable title approval being requested? Yes ☑️ No ☐

10. Course description (not to exceed 50 words) for Bulletin publication: Overview of assessment factors utilized to determine diagnostic quality of radiographic images. Analysis of images using clinical assessment techniques to identify anatomy for all body systems and to ascertain proper and improper positioning, image quality and acceptability based on established professional protocol.

11. Lecture Contact Hours: Fixed at ___________ or Variable from ___________ to ___________

12. Non-Lecture Contact Hours: Fixed at ___________ or Variable from ___________ to ___________

13. Estimated enrollment: ___________ of which ___________ percent are expected to be graduate students.

14. Frequency of scheduling: once per year Will this course be required for majors? Yes ☑️ No ☐

15. Justification for new course: content currently taught in clinical course - independent course more appropriate for content

16. Are the necessary reading materials currently available in the appropriate library? Yes ☑️ No ☐

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: ___________ 

Dean Department Chairman/Division Director

Date: ___________ 

Dean of Graduate School (when required)

Approved by: 

Date: ___________ 

Dean

Date: ___________ 

Chancellor/Vice-President

Date: ___________ 

University Enrollment Services

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 Title: RADIOGRAPHIC IMAGE CRITIQUE

Course Number: RADX-R305

Instructor: Amanda Brown, MSOL, RT(R)(CT)

Office Hours: 

Office phone: 

Email: brownar@ipfw.edu

Course Description: Overview of assessment factors utilized to determine overall quality of radiographic images. Analysis of radiographic images using assessment techniques to identify demonstrated anatomy for all body systems and to ascertain proper and improper positioning, overall image quality and acceptability of images based on an established professional standard.

Course Objectives:

1. Describe professional assessment criteria utilized in image analysis
2. Identify anatomy as demonstrated on radiographic images
3. Evaluate acceptability of radiographic images based on assessment criteria including proper positioning, anatomical demonstration and technical factors.
4. Present orally a critique of radiographic images from a variety of radiographic procedures.

Method of Evaluation:

Course Grade Breakdown: 25% Final Examination  
50% Quizzes and assignments  
25% Oral image critiques

Required Text:

Supporting Texts:


Course Outline:

Week One: Image Analysis Guidelines and Digital Imaging Parameters
Week Two: Chest and Abdomen
Week Three: Upper Extremity
Week Four: Shoulder Girdle
Week Five: Lower Extremity
Week Six: Hip and Pelvis
Week Seven: Cervical and Thoracic Spine
Week Eight: Lumbar, Sacrum and Coccyx
Week Nine: Oral Critique Examination
Week Ten: Cranium
Week Eleven: Digestive System
Week Twelve: Urinary System
Week Thirteen: Other Imaging Modalities
Week Fourteen: Review
Week Fifteen: Final Oral Critique Examination
Week Sixteen: Cumulative Final Examination