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| For Academic Affairs and Research Use Only |
| CIP Code:  |  |
| Degree Code: |  |

**New Course Proposal Form**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| **[X ] New Course or [ ]Experimental Course (1-time offering) (Check one box)** |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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| Deanna Barymon 8/27/2019**Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**COPE Chair (if applicable)** |
| Cheryl DuBose 8/15/2019**Department Chair:**  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Head of Unit (If applicable)**   |
| Shanon Brantley 9/24/2019**College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Undergraduate Curriculum Council Chair** |
| Susan Hanrahan 9/24/2019**College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Graduate Curriculum Committee Chair** |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**General Education Committee Chair (If applicable)**   | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Vice Chancellor for Academic Affairs** |

1. Contact Person (Name, Email Address, Phone Number)

Dr. Cheryl DuBose

cdubose@astate.edu (870) 972-2772

2. Proposed Starting Term and Bulletin Year

Spring 2021

2020-2021 Bulletin

3. Proposed Course Prefix and Number (Confirm that number chosen has not been used before. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*. )

RAD 4141

 4. Course Title – if title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).

Radiographic Procedures IV Laboratory

Short Title: Radiographic Procedures IV Lab

5. Brief course description (40 words or fewer) as it should appear in the bulletin.

Simulation and practice of radiographic procedures of the facial bones, orbits, TMJs, arches, mandible, GI and GU tracts, arthrography and myelography.

6. Prerequisites and major restrictions. (Indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

1. **Yes** Are there any prerequisites?
	1. If yes, which ones?

Admission to the Radiologic Sciences Program

* 1. Why or why not?

The BSRS degree program has competitive admission since all degrees require clinical practice in a contracted healthcare facility. This limits the number of students who can be in the program.

1. **Yes** Is this course restricted to a specific major?
	1. If yes, which major? BSRS – all emphasis

7. Course frequency(e.g. Fall, Spring, Summer). *Not applicable to Graduate courses.*

Spring

8. Will this course be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.

Lab only

9. What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])

Standard

10. **No** Is this course dual listed (undergraduate/graduate)?

11. **No** Is this course cross listed?

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross listed course.)*

**11.1** – If yes, please list the prefix and course number of cross listed course.

 Enter text...

**11.2** – **Yes / No** Are these courses offered for equivalent credit?

Please explain. Enter text...

12. **No** Is this course in support of a new program?

a. If yes, what program?

 Enter text...

13. **No** Does this course replace a course being deleted?

a. If yes, what course?

Enter text...

14. **No** Will this course be equivalent to a deleted course?

a. If yes, which course?

Enter text...

15. **Yes** Has it been confirmed that this course number is available for use?

 *If no: Contact Registrar’s Office for assistance.*

16. **No** Does this course affect another program?

If yes, provide confirmation of acceptance/approval of changes from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

**Course Details**

17. Outline (The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

| **RAD 4141 Spring LAB schedule** |
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| **Date** | **Procedures to Practice** |
| Jan-14/15 | Esophagus  |
| Jan 21/22 | MLK holiday – no classes |
| Jan-28/29 | UGI Series  |
| Feb-04/05 | Large intestines |
| Feb-11/12 | Chapter 17 procedures review |
| Feb-18/19 | **Practical 1** |
| Feb-25/26 | IVU – Essential projections |
| Mar-04/05 | Cystography – Essential projections |
| Mar-11/12 | **Practical 2** |
| Mar-18/19 | Spring Break! |
| Mar-25/26 | OrbitsFacial Bones |
| April-01/02 | Nasal bonesZygomatic arches |
| April-08/09 | MandibleTMJs |
| April-15/16 | Review |
| **April-22/23** | Practical 3 |
| April 29 | Open lab |
| **Finals Week** | Comprehensive Procedures Final Practical |

18. Special features (e.g. labs, exhibits, site visitations, etc.)

This course is a lab for simulated practice of these radiographic positions. Students role-play as patients and technologists during lab sessions.

19. Department staffing and classroom/lab resources

Current BSRS faculty

1. Will this require additional faculty, supplies, etc.?

 No

20. **No** Does this course require course fees?

 *If yes: please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Course Justification**

21. Justification for course being included in program. Must include:

 a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

 This course provides laboratory practice in radiographic procedures that are required content for the national certification examination in radiography. The addition of this course allows for more time for simulated practice and study of radiographic procedures across the entire BSRS degree program.

b. How does the course fit with the mission established by the department for the curriculum? If course is mandated by an accrediting or certifying agency, include the directive.

 The mission of the Department of Medical Imaging & Radiation Sciences is to provide a comprehensive, multi-skilled education preparing students for entry-level practice into the medical imaging and radiation therapy professions.  They will be competent in at least two emphasis areas. This new course also supports the mission of the radiography program, which is “The Radiography Program at Arkansas State University exists to produce competent, entry-level radiographers for the practice of radiologic technology” by providing more time to study and practice entry-level radiographic procedures and skills.

c. Student population served.

BSRS degree candidates

d. Rationale for the level of the course (lower, upper, or graduate).

 This is an upper level course due to the study of contrast-enhanced radiographic procedures. Contrast administration and its use for radiographic procedures requires is an advanced skill and required specialized patient care.

**Assessment**

**Relationship with Current Program-Level Assessment Process**

22. What is/are the intended program-level learning outcome/s for students enrolled in this course? Where will this course fit into an already existing program assessment process?

1.a. Students will provide appropriate patient care

1.b. Students will practice proper radiation safety

3.b. Student will demonstrate oral communication skills.

23. Considering the indicated program-level learning outcome/s (from question #23), please fill out the following table to show how and where this course fits into the program’s continuous improvement assessment process.

*For further assistance, please see the ‘Expanded Instructions’ document available on the UCC - Forms website for guidance, or contact the Office of Assessment at 870-972-2989.*

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| **Program-Level Outcome 1 (from question #23)** | Students will provide appropriate patient care |
| Assessment Measure | Direct assessment measure: Lab practicals assess the role-play simulation of radiographic procedures. Indirect assessment measure: Responses on graduate surveys |
| Assessment Timetable | Spring semester, annually |
| Who is responsible for assessing and reporting on the results? | **MIRS Department Chair and Radiography faculty**  |

 *(Repeat if this new course will support additional program-level outcomes)*

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| **Program-Level Outcome 2 (from question #23)** | 1.b. Students will practice proper radiation safety |
| Assessment Measure | Direct assessment measure: Lab practicals assess radiation protection practices in stimulated radiographic procedures. Indirect assessment measure: Responses on graduate surveys  |
| Assessment Timetable | Spring semester, annually |
| Who is responsible for assessing and reporting on the results? | **MIRS Department Chair and Radiography faculty**  |

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| **Program-Level Outcome 3 (from question #23)** | 3.b. Students will demonstrate oral communication skills. |
| Assessment Measure | Direct assessment measure: Lab practicals assess interpersonal communications related to radiographic procedures.. Indirect assessment measure: Responses on graduate surveys  |
| Assessment Timetable | Spring semester, annually |
| Who is responsible for assessing and reporting on the results? | **MIRS Department Chair and Radiography faculty**  |

 **Course-Level Outcomes**

24. What are the course-level outcomes for students enrolled in this course and the associated assessment measures?

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| **Outcome 1** | Demonstrate radiographic procedures and positioning the anatomy studied this semester. |
| Which learning activities are responsible for this outcome? | Lab session provide opportunity for students to practice radiographic positioning and obtain feedback from faculty. |
| Assessment Measure  | Lab practical examinations assess positioning details and accuracy. |
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| **Outcome 2** | Perform simulated patient care and assessment. |
| Which learning activities are responsible for this outcome? | Lab sessions provide demonstration activities on communication, care, and assessment as well as ample discussion time. |
| Assessment Measure  | Lab practical examinations assess interpersonal communications specific to radiographic procedures. |
| **Outcome 3** | Practice radiation protection during these radiographic procedures. |
| Which learning activities are responsible for this outcome? | Demonstrations, Q&A sessions and simulated radiographic procedure practice during lab sessions with faculty feedback. |
| Assessment Measure  | Lab practical examinations assess radiation protection techniques. |

 *(Repeat if needed for additional outcomes)*

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.* *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

UGB pages pasted on subsequent pages





























