Code # Enter text…

**Course Revision Proposal Form**

**[ X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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](mailto:curriculum@astate.edu) for inclusion in curriculum committee agenda.

|  |  |
| --- | --- |
| Deanna Barymon 9/28/2017 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| Cheryl DuBose 9/28/2017 **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (If applicable)** |
| Deanna Barymon 9/28/2017 **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| Susan Hanrahan 9/28/2017 **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (If applicable)** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

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

Cheryl DuBose

[cdubose@astate.edu](mailto:cdubose@astate.edu)

972-2772

2. Proposed Starting Term and Bulletin Year for Change to Take Effect

Spring, 2018

3. Current Course Prefix and Number

RS 4644

3.1 – [Yes] Request for Course Prefix and Number change

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

RS 4643

3.2 – If yes, has it been confirmed that this course number is available for use? Yes

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

4. Current Course Title

CT Clinical Education

4.1 – [No] Request for Course Title Change

If yes, include new Course Title Below. *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).*

Enter text...

5. – [No ] Request for Course Description Change.

If yes, please include brief course description (40 words or fewer) as it should appear in the bulletin.

Enter text...

6. – [No ] Request for prerequisites and major restrictions change.

*(If yes, 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. Are there any prerequisites? Yes / No
   1. If yes, which ones?

Enter text...

* 1. Why or why not?

Enter text...

1. Is this course restricted to a specific major? Yes / No
   1. If yes, which major? Enter text...

7. – [No ] Request for Course Frequency Change(e.g. Fall, Spring, Summer). *Not applicable to Graduate courses.*

a. If yes, please indicate new frequency:

Enter text...

8. – [No ] Request for Class Mode Change

*If yes, indicate if this course will 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.*

Enter text...

9. – [No ] Request for grade type change

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

Enter text...

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

a. If yes, indicate course prefix, number and title of dual listed course.

Enter text...

11. Is this course cross listed? No

*(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.)*

1. If yes, please list the prefix and course number of cross listed course.

Enter text...

1. Are these courses offered for equivalent credit? Yes / No

Please explain. Enter text...

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

a. If yes, what program?

Enter text...

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

a. If yes, what course?

Enter text...

14. Will this course be equivalent to a deleted course or the previous version of the course? No

a. If yes, which course?

Enter text...

15. Does this course affect another program? No

If yes, provide contact information from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

16. Does this course require course fees? No

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

**Revision Details**

17. Please outline the proposed revisions to the course.

*Include information as to any changes to course outline, special features, required resources, or in academic rationale and goals for the course.*

This course will be modified from 4 credit hours to 3 credit hours, which will reduce clinical instruction time from 4 days per week to 3 days per week. The course outline and requirements will not change, as 3 days per week is enough time for students to achieve associated student learning outcomes.

18. Please provide justification to the proposed changes to the course.

This course is currently listed as a 4 credit hour clinical education course. The Department of Medical Imaging and Radiation Sciences clinical course hours are currently determined on a 1 credit hour = 7.5 clinical hours, so this course is currently scheduled for 4 days per week. The current clinical requirements for this course are not necessary and start to interfere with accreditation restrictions on maximum weekly didactic and clinical instruction hours. Most clinical courses with the MIRS department are 3 credit hours, requiring 3 days per week of clinical hours..

19. Do these revisions result in a change to the assessment plan?

[No]

*\*If yes: Please complete the Assessment section of the proposal on the next page.*

*\*If no: Skip to Bulletin Changes section of the proposal.*

***\*See question 19 before completing the Assessment portion of this proposal.***

**Assessment**

**University Outcomes**

20. Please indicate the university-level student learning outcomes for which this new course will contribute. Check all that apply.

|  |  |  |
| --- | --- | --- |
| * 1. **[ ]** Global Awareness | * 1. **[ ]** Thinking Critically | * 1. **[ ]** Information Literacy |

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

21. 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?

Enter text...

22. 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.*

|  |  |
| --- | --- |
| **Program-Level Outcome 1 (from question #23)** | Type outcome here. What do you want students to think, know, or do when they have completed the course? |
| Assessment Measure | Please include direct and indirect assessment measure for outcome. |
| Assessment  Timetable | What semesters, and how often, is the outcome assessed? |
| Who is responsible for assessing and reporting on the results? | Who (person, position title, or internal committee) is responsible for assessing, evaluating, and analyzing results, and developing action plans? |

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

**Course-Level Outcomes**

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

|  |  |
| --- | --- |
| **Outcome 1** | Type outcome here. What do you want students to think, know, or do when they have completed the course? |
| Which learning activities are responsible for this outcome? | List learning activities. |
| Assessment Measure | What will be your assessment measure for this outcome? |

*(Repeat if needed for additional outcomes)*

**Bulletin Changes**

|  |
| --- |
| **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.* |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Magnetic Resonance Imaging**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

|  |  |
| --- | --- |
| University Requirements: | |
| See University General Requirements for Baccalaureate degrees (p. 41) | |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| RT 1003, Making Connections in Radiology | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Baccalaureate degrees (p. 84)  **Students with this major must take the following:**  *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite*  *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory*  *PSY 2013, Introduction to Psychology*  *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)* | **35** |
| **Major Requirements:** | **Sem. Hrs.** |
| HP 2013, Medical Terminology | 3 |
| HP 3413, Cultural Competency | 3 |
| RAD 2001, Intro to Medical Imaging | 1 |
| RAD 3103, Intro to Radiography | 3 |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory | 4 |
| RAD 3123, Radiation Physics and Imaging | 3 |
| RAD 3202, Imaging Equipment | 2 |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory | 4 |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory | 4 |
| RAD 3223, Sectional Anatomy | 3 |
| RAD 3233, Radiography Clinical I | 3 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory | 4 |
| RAD 4113, Image Acquisition & Evaluation II | 3 |
| RAD 4123, Imaging Pathology | 3 |
| RAD 4132, Radiobiology | 2 |
| RAD 4143, Radiography Clinical II | 3 |
| RAD 4203, Radiography Clinical III | 3 |
| RAD 4213, Radiography Clinical IV | 3 |
| **Sub-total** | **54** |
| **Emphasis Area (CT/MRI):** | **Sem. Hrs.** |
| RS 4623, CT Instrumentation | 3 |
| RS 4633, CT Procedures | 3 |
| RS ~~4644~~ 4643 CT Clinical Education | ~~4~~3 |
| RSMR 4703, MRI Instrumentation | 3 |
| RSMR 4712, Imaging Information Management | 2 |
| RSMR 4723, MRI Procedures I | 3 |
| RSMR 4733, MRI Procedures II | 3 |
| RSMR 4753, MRI Clinical Ed I | 3 |
| RSMR 4763, MRI Clinical Education II | 3 |
| RSMR 4803, MRI Physical Principles I | 3 |

|  |  |
| --- | --- |
| RSMR 4813, MRI Physical Principles II | 3 |
| RSMR 4823, Data Acquisition and Processing | 3 |
| RSMR 4833, Advanced MRI Imaging | 3 |
| **Sub-total** | **39** |
| **Required Support Courses:** | **Sem. Hrs.** |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory | **4** |
| **Total Required Hours:** | **~~134~~133** |

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Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Mammography**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

|  |  |
| --- | --- |
| University Requirements: | |
| See University General Requirements for Baccalaureate degrees (p. 41) | |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| RT 1003, Making Connections in Radiology | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Baccalaureate degrees (p. 84)  **Students with this major must take the following:**  *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite*  *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory*  *PSY 2013, Introduction to Psychology*  *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)* | **35** |
| **Major Requirements:** | **Sem. Hrs.** |
| HP 2013, Medical Terminology | 3 |
| HP 3413, Cultural Competency | 3 |
| RAD 2001, Intro to Medical Imaging | 1 |
| RAD 3103, Intro to Radiography | 3 |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory | 4 |
| RAD 3123, Radiation Physics and Imaging | 3 |
| RAD 3202, Imaging Equipment | 2 |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory | 4 |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory | 4 |
| RAD 3223, Sectional Anatomy | 3 |
| RAD 3233, Radiography Clinical I | 3 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory | 4 |
| RAD 4113, Image Acquisition & Evaluation II | 3 |
| RAD 4123, Imaging Pathology | 3 |
| RAD 4132, Radiobiology | 2 |
| RAD 4143, Radiography Clinical II | 3 |
| RAD 4203, Radiography Clinical III | 3 |
| RAD 4213, Radiography Clinical IV | 3 |
| **Sub-total** | **54** |
| **Emphasis Area (CT/Mammography):** | **Sem. Hrs.** |
| RS 4623, CT Instrumentation | 3 |
| RS 4633, CT Procedures | 3 |
| RS ~~4644~~ 4643 CT Clinical Education | ~~4~~3 |
| RS 3122, Legal and Regulatory Environ of Radiology | 2 |
| RS 3733, Geriatric Considerations in Radiology | 3 |
| RS 4363, Independent Study in the Rad Sciences | 3 |
| RS 4463, Statistics for Medical Imaging | 3 |
| RS 4502, Mammography Procedures | 2 |
| RS 4512, Mammography Instrumentation | 2 |
| RS 4553, Mammography Clinical Education I | 3 |

*The bulletin can be accessed at* [*http://www.astate.edu/a/registrar/students/*](http://www.astate.edu/a/registrar/students/)330

|  |  |
| --- | --- |
| RS 4563, Mammography Clinical Education II | 3 |
| RS 4822, Psychosocial Factors in Healthcare | 2 |
| RSMR 4712, Imaging Information Management | 2 |
| **Sub-total** | **35** |
| **Required Support Courses:** | **Sem. Hrs.** |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory | **4** |
| **Total Required Hours:** | **~~130~~129** |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Medical Imaging Informatics**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

|  |  |
| --- | --- |
| University Requirements: | |
| See University General Requirements for Baccalaureate degrees (p. 41) | |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| RT 1003, Making Connections in Radiology | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Baccalaureate degrees (p. 84)  **Students with this major must take the following:**  *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite*  *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory*  *PSY 2013, Introduction to Psychology*  *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)* | **35** |
| **Major Requirements:** | **Sem. Hrs.** |
| HP 2013, Medical Terminology | 3 |
| HP 3413, Cultural Competency | 3 |
| RAD 2001, Intro to Medical Imaging | 1 |
| RAD 3103, Intro to Radiography | 3 |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory | 4 |
| RAD 3123, Radiation Physics and Imaging | 3 |
| RAD 3202, Imaging Equipment | 2 |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory | 4 |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory | 4 |
| RAD 3223, Sectional Anatomy | 3 |
| RAD 3233, Radiography Clinical I | 3 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory | 4 |
| RAD 4113, Image Acquisition & Evaluation II | 3 |
| RAD 4123, Imaging Pathology | 3 |
| RAD 4132, Radiobiology | 2 |
| RAD 4143, Radiography Clinical II | 3 |
| RAD 4203, Radiography Clinical III | 3 |
| RAD 4213, Radiography Clinical IV | 3 |
| **Sub-total** | **54** |
| **Emphasis Area (CT/Medical Imaging Informatics):** | **Sem. Hrs.** |
| CIT 1503, Microcomputer Applications | 3 |
| CIT 2033, Programming Fundamentals | 3 |
| CIT 2523, Telecommunications and Networking | 3 |
| CIT 3013, Management Information Systems | 3 |
| CIT 3403, Database Management | 3 |
| CIT 4523, Advanced Telecommunications | 3 |
| CIT 4623, Computer Security | 3 |
| RS 3733, Geriatric Considerations in Radiology | 3 |
| RS 4362, Leadership Practicum in RIS | 2 |
| RS 4623, CT Instrumentation | 3 |

|  |  |
| --- | --- |
| RS 4633, CT Procedures | 3 |
| RS ~~4644~~ 4643 CT Clinical Education | ~~4~~3 |
| **Sub-total** | **36** |
| **Required Support Courses:** | **Sem. Hrs.** |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory | **4** |
| **Total Required Hours:** | **~~131~~130** |

*The bulletin can be accessed at* [*http://www.astate.edu/a/registrar/students/*](http://www.astate.edu/a/registrar/students/)333

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RS ~~4644~~ 4643**. Computed Tomography Clinical Education** Guided content and clinical practice experiences designed for sequential development, application, analysis, integration, synthesis and evaluation of concepts and theories in computed tomography. Prerequisite, Admission to the Radiologic Science Program. Summer.