Code # NHP 8

**Bulletin / Banner Change Transmittal 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 for inclusion in curriculum committee agenda.

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| Deanna Barymon | 10/27/2016 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Ray Winters | 10/27/2016 |

**Department Chair:**  |

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**General Education Committee Chair (If applicable)**   |
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| Deanna Barymon | Enter date |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**Vice Chancellor for Academic Affairs** |

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

Donna Caldwell

dcaldwell@astate.edu

972-2952

**2.Proposed Change**

Remove RS 4622 CT Instrumentation, RS 4632 CT Procedures and RS 4644 CT Clinical Ed from the Cardiovascular Interventional Technology emphasis.

**3.Effective Date**

Fall 2017

**4.Justification –** *Please provide details as to why this change is necessary.*

Computed Tomography (CT) is no longer a part of the Cardiovascular Interventional Technology(CIT) emphasis. CIT is a stand-alone program in Medical Imaging Radiation Sciences much like Radiation Therapy and Sonography. Courses in CT do not fit in the CIT curriculum.

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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.* |

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**THE BSRS PROGRAM**

Students who are accepted into the program (see program admission) complete the half the sophomore and all the junior year radiography program, then select a senior year emphasis composed of the following tracks:

~~Computed Tomography and~~ Cardiovascular-Interventional Technology

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Major in Radiologic Sciences Bachelor of Science in Radiologic Sciences

Emphasis in Computed Tomography/Cardiovascular-Interventional Technology

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

University Requirements: See University General Requirements for Baccalaureate degrees (p. 42)

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/CIT): Sem. Hrs.

RS 3122, Legal & Regulatory Environment of Radiology 2

RS 3733, Geriatric Considerations in Radiology 3

RS 4343, Radiologic Administrative Concepts 3

RS 4413 Cardiovascular Equipment and Intervention 3

RS 4423, Cardiovascular-Interventional Procedures and Instrumentation 3

RS 4433, Cardiac Equipment and Intervention 3

RS 444~~2~~3, Cardiac Physiology and Procedures ~~2~~ 3

RS 4443, Stats for Medical Imaging 3

RS 4444, Cardiac Clinic 4

RS 445~~3~~4, Cardiovascular-Interventional Clinical Education ~~3~~4

 RS 4464, Cardiovascular-Interventional Internship 4

~~RS 4622, CT Instrumentation 2~~

~~RS 4632, CT Procedures 2~~

~~RS 4644, CT Clinical Ed 4~~

RS 4822, Psychosocial Factors in Healthcare 2

RSMR 4712, Imaging Information Management 2

Sub-total ~~35~~ 39

Required Support Courses: Sem. Hrs.

BIO 2223 AND 2221, Human Anatomy and Physiology II and Laboratory 4

Additional Support Courses: Sem. Hrs. CS 1013, Introduction to Computers 3

Total Required Hours: ~~134~~138