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| For Academic Affairs and Research Use Only |
| Proposal Number | NHP21 |
| CIP Code:  |  |
| Degree Code: |  |

**PROGRAM MODIFICATION FORM**

**[ x ] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| **Modification Type: [ ]Admissions, [ x ]Curricular Sequence, or [ ]Other**  |

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

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| Deanna Barymon | 3/7/2023 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Cheryl DuBose | 3/7/2023 |

**Department Chair**  |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Head of Unit (if applicable)**   |
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| \_\_\_\_Amy Hyman\_\_\_\_\_ | 03/23/2023 |

**College Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Undergraduate Curriculum Council Chair** |
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**Director of Assessment** *(only for changes impacting assessment)* |

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**Graduate Curriculum Committee Chair** |
| \_\_Scott E. Gordon\_\_ 3-24-23**College Dean** |

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| \_\_ Len Frey\_\_\_\_\_\_\_\_\_ | 4/20/23 |

**Vice Chancellor for Academic Affairs** |
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**General Education Committee Chair (if applicable)**   |  |

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

Jessica Cooper, jmcooper@astate.edu, 870-972-2747

1. **Proposed Change** (for undergraduate curricular changes please provide an 8-semester plan (appendix A), if applicable)

15-hour certificate program is a one-semester program, 8-semester degree plan is not applicable.

Add RSLT 2023 LXMO Procedures

Remove RSLT 2031, RS 436V

1. **Effective Date**

Fall 2023

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

After revision of RSLT 2021 LXMO Procedures Lab into a lab only, full semester course and adding RSLT 2023 LXMO Procedures, the students will have more time to learn, ask questions, and practice procedures on campus. After 2 years of grade assessment and student evaluations, more lecture and lab time is needed for student understanding. Therefore, RSLT 2031 LXMO Extremity Procedures is being deleted as RSLT 2023 LXMO Procedures and RSLT 2021 LXMO Procedures Lab will contain that information.

Removal of RS 436V Independent Study allows students to still complete this program in one semester. The information discussed in this course is not necessary to pass the ARRT Limited Scope of Practice in Radiography exam.

**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. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*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.**  |

<https://catalog.astate.edu/preview_program.php?catoid=3&poid=684&returnto=77>

Before:

**Limited X-Ray Machine Operator, Certificate**

This program will prepare students for the ARRT Limited Scope of Practice in Radiography exam for the State of Arkansas Licensure and to work in the clinical setting of physician offices. This is a formal education program to educate limited license technicians on radiologic positioning, radiation safety, and image critique.

Required Courses:

RSLT 2012 Introduction to Limited Xray Machine Operator Sem. Hrs: 2

RSLT 2013 Imaging Equipment and Exposure Sem. Hrs: 3

RSLT 2021 Limited Xray Machine Operator Procedures Lab Sem. Hrs: 1

RSLT 2023 Limited Xray Machine Operator Procedures Sem. Hrs: 3

~~RSLT 2031 Limited Xray Machine Operator Extremity Procedures Sem. Hrs: 1~~

CLS 1512 Fundamentals of Clinical Lab Science Sem. Hrs: 2

CLS 1511 Fundamentals of Clinical Lab Science Lab Sem. Hrs: 1

HP 2013 Medical Terminology Sem. Hrs: 3

~~RS 436V Independent Study Sem. Hrs:~~ ~~3~~

*Total Required Hours: 15*

After:

**Limited X-Ray Machine Operator, Certificate**

This program will prepare students for the ARRT Limited Scope of Practice in Radiography exam for the State of Arkansas Licensure and to work in the clinical setting of physician offices. This is a formal education program to educate limited license technicians on radiologic positioning, radiation safety, and image critique.

Required Courses:

RSLT 2012 Introduction to Limited Xray Machine Operator Sem. Hrs: 2

RSLT 2013 Imaging Equipment and Exposure Sem. Hrs: 3

RSLT 2021 Limited Xray Machine Operator Procedures Lab Sem. Hrs: 1

RSLT 2023 Limited Xray Machine Operator Procedures Sem. Hrs: 3

CLS 1512 Fundamentals of Clinical Lab Science Sem. Hrs: 2

CLS 1511 Fundamentals of Clinical Lab Science Lab Sem. Hrs: 1

HP 2013 Medical Terminology Sem. Hrs: 3

*Total Required Hours: 15*

**Appendix A, 8-Semester Plan**

**1-semester program**

(**Referenced in #2** - **Undergraduate Proposals Only)**

*Instructions: Please identify new courses in italics*.

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| **Arkansas State University-Jonesboro****Degree: Limited X-ray Machine Operator Certificate Program****Major: Limited X-ray Machine Operator Certificate Program****Year: 2023** |
| Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. |
| **Year 1** |  | **Year 1** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
|   |   |   |  |  | HP 2013 | Medical Terminology | 3 |  |
|   |   |  |  |  |  |  |  |  |
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| **Total Hours** |  |  |  |  | **Total Hours** |  | 3 |  |
| **Year 2** |  | **Year 2** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| RSLT 2012 | Introduction to LXMO | 2 |  |  |  |  |  |  |
| RSLT 2013  | Imaging Equipment and Exposure | 3 |  |  |  |  |  |  |
| RSLT 2023/2021 | LXMO Procedures/Lab | 3/1 |  |  |  |  |  |  |
| CLS 1512/1511 | Fundamentals of CLS/Lab | 2/1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours** |  | 12 |  |  | **Total Hours** |  |  |  |
| **Year 3** |  | **Year 3** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Year 4** |  | **Year 4** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
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| **Total Hours** |  |  |  |  | **Total Hours** |  |  |  |
| **Total Jr/Sr Hours 0 Total Degree Hours 15** |
| **Graduation Requirements: >70% exam average in each required course for certificate program.**  |

Or