ROUTE APPROVAL

APPROVAL INFORMATION

First Name: Penny  
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Approver Name: Penny Jakes  
Approval Date: 
Status: APPROVE  
Comment: 

☑️ I am aware that my approval via e-Curr is equivalent to my signature.

SUBMIT
### Summary

- **Course Form Action:** NEW  
- **Catalog Year:** 2016-2017  
- **Prefix:** AHXR  
- **Course #:** 275  
- **Course Dept.:** MC: Health Professions  
- **Default subcommittee review:** Forestry & Biomedical Science (ASCRC)

If the course requires review by more than one subcommittee due to interdisciplinary content please select:

- Choose

### Justification/explanation*

**For new courses please provide rationale for why the course is needed, how it fits with existing curriculum and whether there are curricular adjustments (see procedure 201.30).**

Beginning January 2016, national requirements for Certification in Computed Tomography (CT) require a didactic education component, and no such education is currently offered in Montana. Students must prove that they have academic credits in the field of Physics and Instrumentation that is used in Computed Tomographic Examinations of the body. This course fulfills that requirement.

### Course Information

**Exact Entry to appear in the next catalog**

| Prefix * | AHXR |
| Course # * | 275 |
| Full Title * | Physics and Instrumentation |
| Short Title * | Physics for CT |
| Level * | U |
| Repeatability |  |
| Credits * | 2 |

**Brief Course Description with Prerequisites**

- Students must be ARRT certified with a current state license to register for the CT courses.  
- Course offered on line each semester  
- The CT Physics and Instrumentation course will cover information specific to ARRT