I. DEPARTMENT / PROGRAM

Missoula College Health Professions Department/Radiologic Technology Program

II. SUMMARY

These proposed changes add educational content required by national professional organizations while adopting course numbering consistent with other Radiologic Technology Programs in the MUS. With the changes summarized below, total credits required for the A.A.S. degree would decrease from 83 to 82.

- Eliminate one Program Pre-requisite
  - 1) Program currently requires BOTH Communications AND Psychology; propose changing requirement to Interpersonal Communications (115S). Reduces Pre-req's from 29 to 26 credits.
- Create three new classes:
  1) AHXR 101 - Patient Care (2 cr). Adopt common course number; content taken from AHXR 240
  2) AHXR 160 - Radiographic Methods II (4 credits). New common course number and content
  3) AHXR 161 - Radiographic Methods II Lab (1 credit). New common course number and content
- Reduce credits for two classes:
  1) AHXR 100 - Intro to Diagnostic Imaging (from 3 credits to 2)
  2) AHXR 121 - Radiographic Imaging I (from 4 credits to 3)
- Revise course title & content for one class:
  1) AHXR 240 (2 credits). New title: Image Analysis & Pathology. New course content.
- Eliminate AHXR 241 (1 credit)
- Program credits increase from 54 to 58 while pre-req credits decrease from 29 to 26; result is a net decrease of credits required for A.A.S. degree from 83 to 82.

III. ENDORSEMENTS AND APPROVALS

Requestor: Dan Funsch, Clinical Coordinator
Phone / Email: 406-243-6488/dan.funsch@mso.umt.edu
Program Chair: Dan Funsch, Department Chair, HPE

*Other Affected Programs: none

* Are affected because: (a) required courses incl. prerequisites or corequisites, (b) perceived overlap in content areas, or (c) cross-listing of coursework

IV. TYPE OF PROGRAM MODIFICATION

☐ Major ☑ Minor ☐ Option ☐ Teaching major / minor

☐ Other, Please describe:
V. CATALOG LANGUAGE

Attach the current catalog language with the proposed changes clearly identified.

VI. JUSTIFICATION

These proposed changes are requested for three reasons:

1) enhance student success by providing required educational content in new courses
2) prepare the Program for future independent Accreditation;
3) adopt course numbering consistent with other MUS colleges

Enhance Student Success

Educational content standards adopted by the profession’s governing bodies, the American Society of Radiologic Technologists (ASRT) and the American Registry of Radiologic Technologists (ARRT), have long-required curricula to include Image Analysis, and recently require that curricula address Radiographic Pathology. The proposed class in Image Analysis and Pathology (a new title & content for the existing AHXR 240) will satisfy both the longstanding and new requirements. Students will gain an understanding of how different pathologies affect the acquisition and appearance of diagnostic images, and they will develop important skills in analyzing the radiographic images they perform.

The proposed courses AHXR 180/181 ("Radiographic Methods II & Lab II") will build upon the radiographic positioning and procedures studied in AHXR 140/141, and improve student performance on the national certification exam in an area where it has been lagging. The proposed course numbers are consistent with those used in the City College (Billings) Rad Tech Program.

Patient Care

This proposal would also reorganize educational content in the area of patient care, removing this content from AHXR 240 and creating a new, dedicated class using AHXR 101, a course number adopted by both City College and Flathead Valley Community College. Reorganizing the patient care content into one dedicated class will help to underscore the importance of this critically important subject, while facilitating potential future Program Accreditation.

These changes would increase In-Program credits from 54 to 56.

Pre-Requisite Changes

Only one change to Program Pre-requisites is requested. The current Program requirement for pre-reqs includes BOTH Psychology AND a Communications class -- this proposal would require that students complete only COMX 115S - Interpersonal Communications.

This change would reduce pre-requisite credits from 29 to 26.

Total credits required for the A.A.S. degree would decrease from 83 to 82.

VII. SUBMISSION

After all signatures have been obtained, submit original, and an electronic file to the Faculty Senate Office, UH 221. An electronic copy of the original signed form is acceptable.