

A.A.S. Radiologic Technology

Degree awarded by Highlands College of Montana Tech

MCC has partnered with Highlands College of Montana Tech to offer courses for students wishing to pursue an Associate of Applied Science Degree in Radiologic Technology. This two-and-a-half-year (81(82) credit) program allows students to take their first year of courses at MCC prior to applying to the program. If accepted into the Highlands College program, students will take online Highlands College Radiologic Technology courses and face-to-face portions at MCC. Formal application to the Highlands College Radiologic Technology Program is completed during the spring term of each school year for entry in the fall. Students must have completed or be enrolled in all program prerequisite courses during the spring semester in which they are applying for the program. MCC students are given preference to the competitive Miles City program when their application is signed and approved by the Radiologic Technology Academic Advisor at MCC. If accepted into the program, the student will become a student of Highlands College. After acceptance in the program all registration of classes, financial aid, and scholarships will be administered by Highlands College and Montana Tech; students should be aware that the academic calendar is different at each institution. Students completing this degree must sit for a national certification test before they may enter the workforce.

The plan of study includes 24 prerequisite credits for the first year, which include a three-credit course that must be taken through Highlands College prior to application. Six additional credits of prerequisites are strongly recommended. Other selection criteria include computer proficiency demonstrated by completion of CAPP 131 Basic MS Office, a successful challenge of the course, or a similar course approved by a Highlands academic advisor. These prerequisite credits are the basis for selecting students into the program. All prerequisites can only be repeated once and must be completed with a 'C' or better. The minimum selective GPA for consideration into the Radiologic Technology Program is 2.75. A limited number of students are admitted fall semester of each year. If the number of qualified applicants exceeds the available space, not all qualified applicants will be accepted. Since the competitive selection is based on GPA, students with higher GPAs are most likely to be accepted. Program course requirements are presented in sequence. Part-time students and others who cannot follow this sequence should check [Course Descriptions](#) to determine pre-requisites and should consult their advisor regarding the order in which to take courses. [General Education Elective Courses](#). This program is designed to meet educational requirements for a specific professional license or certification that is required for employment in an occupation. Miles Community College has not made a determination as to whether this program meets the education requirements for licensure in states other than Montana.

*Highlands College web-based course with face-to-face portions at MCC. ** Hospital-based course

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| First Year Fall Semester | |
| BIOH 201/202 Human Anatomy & Physiology I & Lab | 3 and 1 credits |
| CHMY 121/122 Intro To General Chemistry & Lab | 3 and 1 credits |
| WRIT 101 College Writing I, or WRIT 121 Intro to Technical Writing | 3 credits |
| *AHXR 100 Intro to Diagnostic Imaging | 3 credits |
| Total | 14 credits |
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| First Year Spring Semester | |
| BIOH 211/212 Human Anatomy & Physiology II & Lab | 3 and 1 credits |
| M 140 College Math for Healthcare, or M 121 College Algebra | 3 or 4 credits |
| PHL 221 Intro Philosophy & Biomed Ethics | 3 credits |

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| AHMS 144 Medical Terminology (recommended prerequisite) | 3 credits |
| CAPP 131 Basic MS Office (if no employment experience) | 3 credits |
| Total | 16 or 17 credits |
| Second Year Fall Semester | |
| *AHRX 101 Patient Care in Radiology | 3 credits |
| *AHRX 140/141 Radiographic Methods | 3 and 1 credits |
| *AHRX 121 Radiographic Imaging I | 4 credits |
| **AHRX 195 Radiographic Clinical I | 4 credits |
| Total | 15 credits |
| Second Year Spring Semester | |
| *AHRX 221 Radiographic Imaging II | 3 credits |
| *AHRX 225 Radiobiology/Radiographic Protection | 2 credits |
| **AHRX 195b Radiographic Clinical II | 8 credits |
| Total | 13 credits |
| Second Year Summer Semester | |
| **AHRX 295 Radiographic Clinical III | 10 credits |
| Total | 10 credits |
| Third Year Fall Semester | |
| PSYX 100 Intro to Psychology | 3 credits |
| *AHRX 222 Radiographic Imaging III | 2 credits |
| *AHRX 270 Radiographic Registry Review | 2 credits |
| **AHRX 295b Radiographic Clinical IV | 6 credits |
| Total | 13 credits |
| Program total | 81 to 82 credits |