


RADIOLOGIC TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE DEGREE

ADVISING WORKSHEET 2015-2016

Name _____

Student ID _____

Jacket Student Central
Phone: 406-247-3019
Fax: 406-247-3095

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				

Required Preparatory Courses

Radiologic Technology Prerequisites

BIOH	201	Human Anatomy & Physiology I	3			
BIOH	202	Human Anatomy & Physiology I Lab	1			
WRIT	122	Intro to Business Writing	3			
<u>or</u> WRIT	121	Intro to Technical Writing				
CAPP	120	Introduction to Computers	3			
M <u>or</u> M	114 105	Extended Technical Mathematics (preferred) Contemporary Mathematics	3			

Students are chosen for the clinical portion of the Radiologic Technology program based on a competitive application process. Students must have all prerequisite requirements successfully completed by the end of the spring semester prior to the fall semester in which they wish to start. Students must have a minimum overall grade point average (GPA) of 2.0 and a grade of “C” or better in all prerequisite courses. Please refer to the City College at MSUB catalog or check with an Academic Advisor for details.

Required Courses

COMX	106	Communicating in a Dynamic Workplace	3			
AHXR	101	Patient Care in Radiology	3			
AHXR	108	Intro to Radiologic Physics	3			
AHXR	150	Radiological Technology I	3			
AHXR	151	Radiology I Positioning Lab	1			

AHXR	195A	Radiographic Clinical I	5			
AHXR	195	Clinical Radiology Intersession	1			
AHXR	160	Radiological Technology II	4			
AHXR	161	Radiology II Positioning Lab	1			
AHXR	195B	Radiographic Clinical II	6			
AHXR	225	Radiobiology/ Radiation Protection	3			
AHXR	181	Radiology III Positioning Lab	1			
AHXR	195C	Radiographic Clinical III	9			
AHXR	250	Radiological Technology III	4			
AHXR	295A	Radiographic Clinical IV	8			
AHXR	260	Radiological Technology IV	2			
AHXR	270	Radiographic Registry Review	2			
AHXR	295B	Radiographic Clinical V	8			

Recommended courses

BIOH	211	Anatomy and Physiology II	3			
BIOH	212	Anatomy and Physiology II Lab	1			
PHSX	103	Our Physical World	3			
PHSX	104	Our Physical World Lab	1			

TOTAL MINIMUM CREDITS REQUIRED FOR DEGREE 80

A grade of "C" or higher is mandatory in all course requirements.

Suggested Plan of Study

Health Core	Credits	First Semester (Fall)	Credits
BIOH 201	3	AHXR 150	3
BIOH 202	1	AHXR 195A	5
CAPP 120	3	AHXR 151	1
M 114	3	AHXR 108	3
WRIT 121 or 122	3	AHXR 101	3
TOTAL	13	TOTAL	15

Second Semester (Spring)

AHXR 195 (Intersession)	1
AHXR 225	3
AHXR 160	4
AHXR 195B	6
AHXR 161	1
TOTAL	15

Third Semester (Summer)

AHXR 181	1
AHXR 195C	9
TOTAL	10

Fourth Semester (Fall)

AHXR 250	4
AHXR 295A	8
COMX 106	3
TOTAL	15

Fifth Semester (Spring)

AHXR 260	2
AHXR 295B	8
AHXR 270	2
TOTAL	12

Transcript evaluation (if applicable completed) by: _____ on _____

Developing a Plan of Study

To facilitate course planning and scheduling, students should be aware that not all courses are offered every semester. Some courses require pre-requisites and preparatory courses to be successfully completed or co-requisites be taken simultaneously.

Selected Courses and Prerequisites

Key: F= Fall; S=Spring; X=Summer; # = online

*** = courses require admission to the Radiologic Technology program (AAS)**

Radiologic Technology Associate of Applied Science Program Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
*AHXR 101					F
*AHXR 108			AHXR 150, AHXR 195A		F
*AHXR 150			AHXR 151, AHXR 195A		F
*AHXR 151			AHXR 150, AHXR 195A		F
*AHXR 160	AHXR 150, AHXR 195A		AHXR 195B, AHXR 161		S
*AHXR 161			AHXR 160, AHXR 195B		S
*AHXR 180	AHXR 160, AHXR 195B		AHXR 195C, AHXR 181		X
*AHXR 181			AHXR 180, AHXR 195C		X
*AHXR 195	AHXR 150, AHXR 195A				S
*AHXR 195A			AHXR 150, AHXR 151		F
*AHXR 195 B	AHXR 150, AHXR 195A		AHXR 160, AHXR 161		S
*AHXR 195C	AHXR 160, AHXR 195B		AHXR 180, AHXR 181		X
*AHXR 225					S
*AHXR 250	AHXR 180, AHXR 182		AHXR 295A		F
*AHXR 260	AHXR 250, AHXR 295A,		AHXR 295B		S
*AHXR 270	AHXR 250, AHXR 295A				S
*AHXR 295A	AHXR 180, AHXR 182		AHXR 250		F
*AHXR 295B	AHXR 250, AHXR 295A		AHXR 260		S
BIOH 201		BIOH 101, CHMY 121 and CHMY 122	BIOH 202		F, S, X
BIOH 202		BIOH 101, CHMY 121 and CHMY 122	BIOH 201		F, S, X
CAPP 120					F, S, X # F, S, X
COMX 106					F, S, X # F, S, X
M 114	M 111, M 095, or appropriate placement scores				F, S, X, # S, X

WRIT 122 or WRIT 121	WRIT 095, or WRIT 104, or appropriate placement scores				WRIT 122 F, S, X # F, S, X WRIT 121 F, S # S
Recommended courses for student interested in additional electives:					
BIOH 101					F, S, X # S
BIOH 211	Passing BIOH 201 and BIOH 202		BIOH 212		F, S
BIOH 212	Passing BIOH 201 and BIOH 202		BIOH 211		F, S
PHSX 103	M 095 or M 111		PHSX 104		F, S, X # S
PHSX 104			PHSX 103		F, S, X, # S

Program Specific Information

- **Students are chosen for the clinical portion of the radiology program based on a competitive application process.** The clinical portion of the program is a fall start only. Students must have all prerequisite courses successfully completed by the end of the spring semester to be eligible to apply for the fall start.
- Students must have a minimum overall grade point average (GPA) of a 2.0 and a grade of “C” or better in the prerequisite courses.
- M 114 Extended Technical Mathematics is the recommended math. Please consult with an Academic Advisor on any other math course to fulfill the math requirement.
- Technical Standards: Students must possess the following:
 - a. Visual ability: Students must have the visual acuity to see at a distance and to discriminate colors.
 - b. Strength: Students must possess the strength to perform physical activities including the ability to push/pull objects weighing more than 100 pounds and to transfer objects of more than 100 pounds.
 - c. Mobility: Students must be able to perform mobility skills such as walking, standing, bending, and pushing portable equipment throughout the hospital.
 - d. Communication (speech, reading and writing): Students must be able to interact with individuals and communicate promptly and effectively when required.
 - e. Hearing: Students must be able to receive verbal communication from patients and members of the health care team and to use/assist with monitoring devices such as cardiac monitors, stethoscopes, IV pumps, fire alarms, etc.
 - f. Coordination: Students must possess hand-eye coordination including the ability to align an x-ray beam with body parts and film trays. Students must be able to operate a computer/keyboard and must possess arm-hand steadiness to enable them to perform such tasks as taking blood pressure, performing venipuncture, catheterization, and/or calibration of tools and equipment.

- All special admissions procedures are detailed and updated each time the application procedure begins. Please become familiar with the Radiologic Technology webpage and the competitive application procedures for the program at <http://www.msubillings.edu/cot/Programs/ProgRadTech.htm>. Please consult with an Academic Advisor with any questions.
- Due to limited clinical space, approximately 12 students per year will be selected to continue in the clinical portion of the program.
- All students who are accepted into the Radiologic Technology program may need to pass a criminal background check and urine drug testing to be accepted into the clinical settings. The total cost for both is around \$60.00.
- The program prepares graduates for the American Registry of Radiologic Technologists (ARRT) certification exam.
- Graduates can find career positions in clinics, hospitals, physician's offices, and mobile units, as well as in research, public health, industry, and in sales of radiographic equipment.
- Students that earn an AAS degree and want to further their education and thus career, are able to go on for a Bachelor of Applied Science (BAS) degree through MSUB. Students can focus on various thematic concentrations to earn the BAS degree, but one thematic concentration option is Radiologic Technology Management. Contact Jacket Student Central or contact MSUB Advising Center at 406-657-2240 for further details.

2015-2016 AAS Radiologic Technology Plan of Study

Name: _____

Student ID: _____

Semester _____

Semester _____

Course	Credits	Course	Credits
Total		Total	

Semester _____

Semester Fall _____

Course	Credits	Course	Credits
		AHXR 101	3
		AHXR 108	3
		AHXR 150	3
		AHXR 151	1
		AHXR 195A	5
Total		Total	15

Semester Spring _____

Semester Summer _____

Course	Credits	Course	Credits
AHXR 195 (intersession)	1	AHXR 181	1
AHXR 160	4	AHXR 195C	9
AHXR 161	1		
AHXR 195B	6		
AHXR 225	3		
Total	15	Total	10

Semester Fall _____

Semester Spring _____

Course	Credits	Course	Credits
AHXR 250	4	AHXR 260	2
AHXR 295A	8	AHXR 270	2
*COMX 106	3	AHXR 295B	8
*Can be taken in advance of acceptance			
Total		Total	12

Number of earned credits that apply toward degree: _____

Number of credits left to earn for degree: _____

CERTIFICATION: The courses listed are **required** for the student's degree.

Advisor's Signature: _____ Date: _____

Student's Signature: _____ Date: _____