



**2012-2013 PETITION/PROGRAM SHEET**  
**Degree: Bachelor of Applied Science**  
**Major: Radiologic Technology**

**About This Major . . .**

The Bachelor of Applied Science in Radiologic Technology combines the technical skills and patient care skills necessary for success in today's health care arena. A unique program, the BAS allows students who have already earned an associate of applied science degree to build upon their technical specialties with general education courses and junior and senior level radiologic science courses. This allows associate degree holders to gain a 4-year degree in approximately four additional full-time semesters, depending upon prior coursework.

Courses to be taken include advanced patient care, quality management, informatics in radiology, research and areas of specialization such as CT, MR, and mammography. Upon completion of the program, students will be technically and academically prepared for leadership positions in their chosen specialties.

Prospective students not holding an associate of applied science degree can begin their college career at CMU in a chosen field of study with a 2-year degree and then progress to a 4-year degree using the BAS. This degree will provide students upward mobility in their area of employment as they move into specialty areas as well as supervision/management positions.

For more information on what you can do with this major, go to <http://www.coloradomesa.edu/career/whatmajor.html>.

**POLICIES:**

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you will be required to take a Major Field Achievement Test (exit exam).

**NAME:** \_\_\_\_\_ **STUDENT ID #** \_\_\_\_\_

**LOCAL ADDRESS AND PHONE NUMBER:** \_\_\_\_\_

\_\_\_\_\_ ( ) \_\_\_\_\_

I, (Signature) \_\_\_\_\_, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

\_\_\_\_\_  
Signature of Advisor Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Signature of Department Head Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Signature of Registrar Date \_\_\_\_\_ 20\_\_\_\_

**Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.**

**Degree Requirements:**

- An AAS in Radiologic Technology from an accredited college must be held by students entering this program. Please note the special requirement section on page 3.
- Students must earn 120 semester hours total and meet the academic residency requirements to earn a baccalaureate degree at Colorado Mesa University.
- 33 upper division credits (A minimum of 15 taken at the 300-400 course levels within the major at CMU), 2.00 cumulative GPA or higher in all CMU coursework
- 2.00 cumulative GPA or higher in coursework toward the major content area
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student's responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student's faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the "Undergraduate Graduation Requirements" in the catalog for additional graduation information.

**GENERAL EDUCATION REQUIREMENTS** (31 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is on the general education list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the general education requirement.

Course	No	Title	Sem.hrs	Grade	Term/Trns
_____	_____	_____	_____	_____	_____

**English** (6 semester hours, must receive a grade of "C" or better and must be completed by the time the student has 60 semester hours.)

ENGL 111	English Composition	3	_____	_____	_____
ENGL 112	English Composition	3	_____	_____	_____

**Math: Math 110 or higher** (3 semester hours, must receive a grade of "C" or better, must be completed by the time the student has 60 semester hours.)

MATH 1 \_\_\_\_\_

\*3 credits of MATH 113 apply to the General Ed requirements and 1 credit applies to elective credit

**Humanities** (3 semester hours)

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**Social and Behavioral Sciences** (6 semester hours)

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**Natural Sciences** (7 semester hours, one course must include a lab)

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**History** (3 semester hours)

HIST \_\_\_\_\_

Course	No	Title	Sem.hrs	Grade	Term/Trns
_____	_____	_____	_____	_____	_____

**Fine Arts** (3 semester hours)

\_\_\_\_\_

**OTHER LOWER DIVISION REQUIREMENTS** (6 semester hours)

**Kinesiology** (3 semester hours)

KINE 100 Health and Wellness 1 \_\_\_\_\_

KINA 1 \_\_\_\_\_ 1 \_\_\_\_\_

KINA 1 \_\_\_\_\_ 1 \_\_\_\_\_

**Applied Studies** (3 semester hours)

\_\_\_\_\_

**FOUNDATION COURSES** (11 semester hours)

STAT 200 Probability and Statistics 3 \_\_\_\_\_

BIOL 210 Anatomy and Physiology II 3 \_\_\_\_\_

BIOL 210L Anatomy and Physiology II Lab 1 \_\_\_\_\_

BIOL 241 Pathophysiology 4 \_\_\_\_\_

**B.A.S. RADIOLOGIC TECHNOLOGY MAJOR**

**REQUIREMENTS**

(24 semester hours)

Core Courses (13 Semester Hours)

RTEC 320 Informatics in Rad. Tech. 2 \_\_\_\_\_

RTEC 365 Advanced Patient Care 3 \_\_\_\_\_

RTEC 460 Quality Management 3 \_\_\_\_\_

NURS 415 Business of Health Care 2 \_\_\_\_\_

RTEC 494 Capstone/ Research 3 \_\_\_\_\_

**Choose from one of the following groups:** (5 semester hours)

RTEC 450 Mammography I 2 \_\_\_\_\_

RTEC 470 Mammography II 3 \_\_\_\_\_

RTEC 452 CV Interventional I 2 \_\_\_\_\_

RTEC 472 CV Interventional II 3 \_\_\_\_\_

RTEC 454 Computed Tomography I 2 \_\_\_\_\_

RTEC 474 Computed Tomography II 3 \_\_\_\_\_

RTEC 456 Magnetic Resonance I 2 \_\_\_\_\_

RTEC 476 Magnetic Resonance II 3 \_\_\_\_\_

**The following courses must be taken as part of the specialization**

RTEC 480 Clinical Specialization I 3 \_\_\_\_\_

RTEC 490 Clinical Specialization II 3 \_\_\_\_\_

**Electives** (12 semester hours; 9 must be Upper Division credits. All college level courses appearing on your final transcript, **not listed above** that will bring your total semester hours to 120 hours. Students enrolled in CT or MR specialization courses must take RTEC 325 and 327).

RTEC 325 Cross Sectional Anatomy 2 \_\_\_\_\_

RTEC 327 Cross Sectional Anatomy 2 \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_



## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN RADIOLOGIC TECHNOLOGY

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the website for course availability.

### FIRST YEAR

<u>Fall—Semester 1</u>	<u>Hours</u>	<u>Spring—Semester 2</u>	<u>Hours</u>
BIOL 210 and		RTEC 450 or Mammography I	
BIOL 210L    A&P II and A&P IIL	4	RTEC 452 or C/V Interventional I	
RTEC 320    Informatics	2	RTEC 454 or CT I	
RTEC 365    Advanced Patient Care	3	RTEC 456    MR I	2
RTEC 325    Sectional Anatomy I	2	RTEC 327    Sectional Anatomy II	2
STAT 200    Statistics	<u>3</u>	BIOL 241    Pathophysiology	4
	14	KINA        Kinesiology activity	1
		Upper division elective	<u>3</u>
			12

### SECOND YEAR

<u>Fall—Semester 3</u>	<u>Hours</u>	<u>Spring—Semester 4</u>	<u>Hours</u>
RTEC 460    Quality Management	3	NURS 415    Business of Health Care	2
RTEC 470 or Mammography II		RTEC 490    Clinical Specialization II	3
RTEC 472    C/V Interventional II		RTEC 494    Capstone	3
RTEC 474 or CT II		Upper division elective	<u>4</u>
RTEC 476    MR II	3		12
RTEC 480    Clinical Specialization	3		
Upper division elective	<u>3</u>		
	12		