2015-2016 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 Essential Learning 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.

All CMU baccalaureate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Relate ethical principles to real-life problems in the radiologic sciences. (Specialized Knowledge)
2. Combine academic theory with practitioner experience and skills. (Applied Learning)
3. Apply quantitative analysis methods to develop appropriate conclusions (Quantitative Fluency)
4. Communicate effectively through written documents. (Communication)
5. Develop critical thinking and problem solving skills that demonstrate a professional level of expertise in advanced specialty areas in the radiologic sciences. (Critical Thinking)

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 have read and understand the policies listed on the last page of this 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.

_____ _____ 20_____
Signature of Advisor Date

_____ _____ 20_____
Signature of Department Head Date

_____ _____ 20_____
Signature of Registrar Date

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. (Students must complete a minimum of 30 of the last 60 hours of credit at CMU, with at least 15 semester hours in major discipline courses numbered 300 or higher).
- 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.
- Essential Learning Capstone should be completed between 45 and 75 hours.
- See the "Undergraduate Graduation Requirements" in the catalog for additional graduation information.

ESSENTIAL LEARNING REQUIREMENTS (31 semester hours)
See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning 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 Essential Learning requirements and 1 credit applies to elective credit					
Humanities (3 semester hours)					
Social and Behavioral Sciences (6 semester hours)					
Natural Sciences (7 semester hours, one course must include a lab)					
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Course	No	Title	Sem.hrs	Grade	Term/Trns
History (3 semester hours)					
HIST					
Fine Arts (3 semester hours)					
WELLNESS REQUIREMENT (2 semester hours)					
KINE	100	Health and Wellness	1		
KINA	1		1		
ESSENTIAL LEARNING CAPSTONE (4 semester hours)					
ESSL	290	Maverick Milestone (see English & math pre-reqs)	3		
ESSL	200	Essential Speech (co-requisite)	1		
B.A.S. RADIOLOGIC TECHNOLOGY MAJOR REQUIREMENTS (24 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		
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		

Bachelor of Applied Science Core (36 Semester Hours) 36 Semester Hours taken as part of a state approved Associate of Applied Science degree.*

Course	No	Title	Sem.hrs	Grade	Term/Trns

Course	No	Title	Sem.hrs	Grade	Term/Trns

***An Associate of Applied Science degree is required.**

A.A.S. Institution____ **Date Received**______________________________

Special requirements:

- Applicants must be certified by the American Registry of Radiologic Technologists or its equivalent to be admitted to the program.
- Program applicants must possess an A.A.S degree in Radiologic Technology or Radiologic Science. Acceptance of A.A.S. radiologic technology credits will be limited to no more than 36 hours unless approved by both the B.A.S. advisor and the academic department head.
- Applicants possessing a certificate of completion from a JRCERT accredited program in Radiologic Technology may also be admitted conditionally to the program while completing the requirements for an AAS degree. Please see the Radiologic Science Program Director for complete requirements and application form. All degree requirements must be completed as described above. Any exceptions or substitutions must be recommended in advance by the faculty advisor and approved by the Department Head. Students are required to participate in exit examinations or other programs deemed necessary to comply with the university accountability requirement.

POLICIES:

1. Please see the catalog for a complete list of graduation requirements.
2. 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.** 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. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar’s Office. (Students cannot handle the forms once the advisor signs.)
4. 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.
5. NOTE: During your senior year, you will be required to take a capstone exit assessment/project (e.g,, Major Field Achievement Test).