2007 – 08 PETITION/PROGRAM SHEET
Degree: Associate of Applied Science
Major: Radiologic Technology
www.mesastate.edu/schools/sbps/nars/RadTech/radtech.htm

About This Degree . . .

The Radiologic Technology Program at Mesa State College is two years in length and includes classroom studies and clinical experience. Most of the classroom studies are during the fall and spring semesters of the first year of the program. Completing general education or required support courses before beginning the program does not decrease the length of the program. However, it does considerably decrease the semester credit hour load that will be necessary to graduate as proposed. Upon successful completion of the program, the student receives an Associate of Applied Science degree.

All classroom studies are conducted on the Mesa State campus. Clinical experience includes rotations at several clinical facilities throughout western Colorado. The structure of the Radiologic Technology Program requires the student to attend the eight week summer session between the first and second year of study. In addition, sometime during the second year, an eight week rotation in Delta, Montrose, Rifle, or Glenwood Springs is required.

Following successful completion of the Radiologic Technology Program the graduate is eligible to sit for the national registry examination administered by the American Registry of Radiologic Technologists. A passing score on this examination results in the granting of a certificate of registration that allows the privilege to use the title "Registered Technologist" and to use the abbreviation R.T. following the graduate's name.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC 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 may 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.

_____ _____ 20_____
Signature of Advisor Date

_____ _____ 20_____
Signature of Department Head Date

_____ _____ 20_____
Signature of Registrar Date

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

Degree Requirements:

- 2.00 cumulative GPA or higher in all MSC coursework and for the courses which comprise the area of emphasis in RTEC.
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head.
- When filling out the program sheet a course can be used only once.
- See the "Undergraduate Graduation Requirements" in the Mesa State College catalog for additional graduation information.

GENERAL EDUCATION REQUIREMENTS (18 Semester Hours)
See the current Mesa State College 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)				
ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____
Math (4 semester hours)				
MATH 113	College Algebra	4	_____	_____
Social and Behavioral Sciences, Humanities or Selected Speech Courses (6 semester hours) PSYC 150 recommended.				
PSYC 150	General Psychology	3	_____	_____
_____ ____	_____	3	_____	_____
Kinesiology (2 semester hours)				
KINE 100	Health and Wellness	1	_____	_____
KINA 1____	_____	1	_____	_____
Prerequisites (4 semester hours)				
BIOL 209	Human Anat & Physiology	3	_____	_____
BIOL 209L	Human Anat & Physiology Lab	1	_____	_____

ASSOCIATE OF APPLIED SCIENCE IN RADIOLOGIC TECHNOLOGY COURSE REQUIREMENTS
(55 semester hours) These courses must be completed in sequence and may only be taken after acceptance in the Radiologic Technology Program.

Course No	Title	Sem.hrs	Grade	Term/Trns
Didactic Courses (27 semester hours)				
RTEC 120	Intro to Radiologic Technology and Patient Care	3	_____	_____
RTEC 121	Radiographic Anatomy and Positioning I	2	_____	_____
RTEC 121L	Radiographic Anatomy and Positioning I Lab	1	_____	_____
RTEC 122	Principles of Radiographic Exposure	2	_____	_____
RTEC 122L	Principles of Radiographic Exposure Lab	1	_____	_____
RTEC 125	Radiologic Science	2	_____	_____
RTEC 131	Radiographic Anatomy and Positioning II	2	_____	_____
RTEC 131L	Radiographic Anatomy and Positioning II Lab	1	_____	_____
RTEC 132	Radiographic Equipment and Special Imaging	2	_____	_____
RTEC 132L	Radiographic Equipment and Special Imaging Lab	1	_____	_____
RTEC 135	Radiation Biology & Protection	2	_____	_____
RTEC 251	Radiographic Pathology	3	_____	_____
RTEC 255	Radiographic Assessment I	1	_____	_____
RTEC 261	Radiographic Review	3	_____	_____
RTEC 265	Radiographic Assessment II	1	_____	_____
Clinical Courses (28 semester hours)				
RTEC 114	Radiographic Clinical Experience I	2	_____	_____
RTEC 124	Radiographic Clinical Experience II	4	_____	_____
RTEC 214	Radiographic Clinical Experience III	6	_____	_____
RTEC 224	Radiographic Clinical Experience IV	8	_____	_____
RTEC 234	Radiographic Clinical Experience V	8	_____	_____

PREREQUISITES (4 Semester Hours, do not count toward program requirements)
BIOL 209 and BIOL 209L (Must be successfully completed within a five year period prior to acceptance in the Radiologic Technology Program. If the student is enrolled at the time of application, acceptance into the program will be based upon successful completed of this course. Successful completion means achieving of grade of "C" or higher.)

Crosswalk between MSC and CCC Radiologic Technology curriculum

Community College RT Curriculum

RTE 101, 111 (4 cr)
Introduction to Radiography
Radiographic Patient Care
RTE 121 (3 cr)
Radiologic Procedures I

RTE 122 (3 cr)
Radiologic Procedures II

RTE 131 (1.5 cr)
Radiographic Pathology and Image Eval I

Mesa State College RT Curriculum

RTEC 120 (3 cr)
Introduction to Radiologic Technology
and Patient Care
RTEC 121, 121L (3 cr)
Radiographic Anatomy and Positioning I
Radiographic Anatomy and Positioning Lab I
RTEC 131, 131L (3 cr)
Radiographic Anatomy and Positioning II
Radiographic Anatomy and Positioning Lab II
RTEC 251, 255, 265 (6 cr)
Radiographic Pathology (3)
Radiographic Assessment I (1)
Radiographic Assessment II (1)

RTE 132 (1.5 cr)	**RTEC 251, 255, 265 (6 cr)**
Radiographic Pathology and Image Eval II	Radiographic Pathology (3)
	Radiographic Assessment I (1)
	Radiographic Assessment II (1)
RTE 141 (3 CR)	**RTEC 125**
Radiographic Equipment/Imaging I	Radiologic Science
RTE 142 (3 cr)	**RTEC 122, 122L (3 cr)**
Radiographic Equipment/Imaging II	Principles of Radiographic Exposure
	Principles of Radiographic Exposure lab
	RTEC 132, 132 L (3 cr)
	Radiographic Equipment and Special Imaging
	Radiographic Equipment and Special Imaging lab
RTE 221 (3 cr)	**RTEC 131, 131L (3 cr)**
Advanced Medical Imaging	Radiographic Anatomy and Positioning II
	Radiographic Anatomy and Positioning lab II
RTE 231 (2 cr)	**RTEC 135 (2 cr)**
Radiation Biology and Protection	Radiation Biology and Protection
RTE 289 (3 cr)	**RTEC 261 (3 cr)**
Capstone	Radiographic Review
RTE 181 (5 cr)	**RTEC 114 (2 cr)**
Radiographic Internship I	Radiographic Clinical Experience I
RTE 182 (5 cr)	**RTEC 124 (4 cr)**
Radiographic Internship II	Radiographic Clinical Experience II
RTE 183 (7 cr)	**RTEC 214 (6 cr)**
Radiographic Internship III	Radiographic Clinical Experience III
RTE 281 (8 cr)	**RTEC 224 (8 cr)**
Radiographic Internship IV	Radiographic Clinical Experience IV
RTE 282 (8 cr)	**RTEC 234 (8 cr)**
Radiographic Internship V	Radiographic Clinical Experience V

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 their advisor and check the 2 year course matrix on the Mesa State website for course availability.

FRESHMAN YEAR

Fall Semester		Hours	Spring Semester		Hours
ENGL 111	English Composition	3	MATH 113	College Algebra	4
RTEC 114	Radiographic Clinical Experience I	2	RTEC 124	Rad. Clinical Experience II	4
RTEC 120	Intro to Rad. Tech. and Patient Care I	3	RTEC 131	Rad. Anatomy & Positioning II	2
RTEC 121	Radiographic Anatomy/Positioning I	2	RTEC 131L	Rad. Anatomy & Positioning II Lab	1
RTEC 121L	Anatomy/Position I Lab	1	RTEC 132	Rad. Equipment/Special Imaging	2
RTEC 122	Principles of Radiographic Exposure I	2	RTEC 132L	Equipment/ Special Imaging Lab	1
RTEC 122L	Princ. Of Radiographic Exposure I Lab	1	RTEC 135	Radiation Biology and Protection	2
RTEC 125	Radiologic Science	2	KINE 100	Health and Wellness	1
		16			17

SOPHOMORE YEAR

Summer Semester		Hours
General Education	Social/Behavioral Science	3
RTEC 214	Clinical Experience III	6
		9

Fall Semester		Hours	Spring Semester		Hours
ENGL 112	English Composition	3	General Education	Social/Behavioral Science	3
RTEC 224	Clinical Experience IV	8	RTEC 234	Clinical Experience IV	8
RTEC 251	Radiographic Pathology	3	RTEC 261	Radiographic Review	3
RTEC 255	Radiographic Assessment I	1	RTEC 265	Radiographic Assessment II	1
KINA	Activity	1			15
		16			