



2006 – 07 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.

Signature of Advisor _____ Date _____ 20____

Signature of Department Head _____ Date _____ 20____

Signature of Registrar _____ Date _____ 20____

- A cumulative grade point average of 2.0 or higher must be maintained for all courses taken and for the courses which comprise the area of emphasis in RTEC.
- It is recommended that students work closely with a faculty advisor when selecting appropriate courses and scheduling classes.

GENERAL EDUCATION (18 Semester Hours)

Course	No.	Credit	Grade	Term	Year	Trns/Subs
English (6 semester hours)						
ENGL	<u>111</u>	<u>3</u>	_____	_____	_____	_____
ENGL	<u>112</u>	<u>3</u>	_____	_____	_____	_____
Mathematics (4 semesters)						
MATH	<u>113</u>	<u>4</u>	_____	_____	_____	_____
Social and Behavioral Science, Humanities or Selected Speech Courses (6 semester hours) PSYC 150 recommended.						
PSYC	<u>150</u>	<u>3</u>	_____	_____	_____	_____
_____	_____	<u>3</u>	_____	_____	_____	_____
Kinesiology (2 semester hours)						
KINE/HPWA	<u>100</u>	<u>1</u>	_____	_____	_____	_____
KINA/HPWE	_____	<u>1</u>	_____	_____	_____	_____

See the M.S.C. catalog for the list of approved KINA/HPWE/Selected DANC courses.

PREREQUISITES (4 Semester Hours)

Course	No.	Credit	Grade	Term	Year	Trns/Subs
Prerequisites (4 semester hours, not counted in program hours)						
BIOL	<u>209</u>	<u>3</u>	_____	_____	_____	_____
BIOL	<u>209L</u>	<u>1</u>	_____	_____	_____	_____

Associate of Applied Science in Radiologic Technology Course Requirements (57 Semester Hours)

Course	No.	Credit	Grade	Term	Year	Trns/Subs	Course	No.	Credit	Grade	Term	Year	Trns/Subs
Didactic Courses (27 semester hours)													
RTEC	<u>120</u>	<u>3</u>	_____	_____	_____	_____	RTEC	<u>132</u>	<u>2</u>	_____	_____	_____	_____
RTEC	<u>121</u>	<u>2</u>	_____	_____	_____	_____	RTEC	<u>132L</u>	<u>1</u>	_____	_____	_____	_____
RTEC	<u>121L</u>	<u>1</u>	_____	_____	_____	_____	RTEC	<u>135</u>	<u>2</u>	_____	_____	_____	_____
RTEC	<u>122</u>	<u>2</u>	_____	_____	_____	_____	RTEC	<u>251</u>	<u>3</u>	_____	_____	_____	_____
RTEC	<u>122L</u>	<u>1</u>	_____	_____	_____	_____	RTEC	<u>255</u>	<u>1</u>	_____	_____	_____	_____
RTEC	<u>125</u>	<u>2</u>	_____	_____	_____	_____	RTEC	<u>261</u>	<u>3</u>	_____	_____	_____	_____
RTEC	<u>131</u>	<u>2</u>	_____	_____	_____	_____	RTEC	<u>265</u>	<u>1</u>	_____	_____	_____	_____
RTEC	<u>131L</u>	<u>1</u>	_____	_____	_____	_____							
Clinical Courses (30 semester hours)													
RTEC	<u>114</u>	<u>2</u>	_____	_____	_____	_____	RTEC	<u>224</u>	<u>8</u>	_____	_____	_____	_____
RTEC	<u>124</u>	<u>4</u>	_____	_____	_____	_____	RTEC	<u>234</u>	<u>8</u>	_____	_____	_____	_____
RTEC	<u>214</u>	<u>8</u>	_____	_____	_____	_____							

GENERAL EDUCATION (18 Semester Hours)

English – 6 Semester Hours
ENGL 111 and ENGL 112

Mathematics – 4 semester hours
UTEC 107 or MATH 113

Social and Behavioral Science, Humanities, or Selected Speech Courses – 6 semester hours (See current MSC catalog for the approved list of courses that fulfill this requirement.) PSYC 150 recommended.

Kinesiology – 2 semester hours
KINE/HPWA 100 and one KINA/HPWE/Selected DANC course

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 completion of this course. Successful completion means achieving of grade of "C" or higher.)

Associate of Applied Science in Radiologic Technology Course Requirements (57 Semester Hours)

These courses must be completed in sequence and may only be taken after acceptance in the Radiologic Technology Program.

Didactic Courses

RTEC 120 Introduction to Radiologic Technology
RTEC 121 Radiographic Anatomy and Positioning I
RTEC 121L Radiographic Anatomy and Positioning I Lab
RTEC 122 Principles of Radiographic Exposure
RTEC 122L Principles of Radiographic Exposure Lab
RTEC 125 Radiologic Science
RTEC 131 Radiographic Anatomy and Positioning II
RTEC 131L Radiographic Anatomy and Positioning II Lab
RTEC 132 Radiographic Equipment and Special Imaging
RTEC 132L Radiographic Equipment and Special Imaging Lab
RTEC 135 Radiation Biology and Protection
RTEC 251 Radiographic Pathology
RTEC 255 Radiographic Assessment I
RTEC 261 Radiographic Review
RTEC 265 Radiographic Assessment II

Clinical Courses

RTEC 114 Radiographic Clinical Experience I
RTEC 124 Radiographic Clinical Experience II
RTEC 214 Radiographic Clinical Experience III
RTEC 224 Radiographic Clinical Experience IV
RTEC 234 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	MATH 113	College Algebra
RTEC 114	Radiographic Clinical Experience I	RTEC 124	Rad. Clinical Experience II
RTEC 120	Intro to Rad. Tech. and Patient Care I	RTEC 131	Rad. Anatomy & Positioning II
RTEC 121	Radiographic Anatomy/Positioning I	RTEC 131L	Rad. Anatomy & Positioning II Lab
RTEC 121L	Anatomy/Position I Lab	RTEC 132	Rad. Equipment/Special Imaging
RTEC 122	Principles of Radiographic Exposure I	RTEC 132L	Equipment/ Special Imaging Lab
RTEC 122L	Princ. Of Radiographic Exposure I Lab	RTEC 135	Radiation Biology and Protection
RTEC 125	Radiologic Science	KINE/HPWA 100	Health and Wellness
	<u>16</u>		<u>17</u>

SOPHOMORE YEAR

Summer Semester	Hours
General Education Social/Behavioral Science	3
RTEC 214	Clinical Experience III
	<u>8</u>
	<u>11</u>

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