# 2013-2014 PETITION/PROGRAM SHEET
## Degree: Associate of Applied Science
## Major: Radiologic Technology

**About This Degree . . .**

The Radiologic Technology Program at Colorado Mesa University 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 Colorado Mesa University 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, Glenwood Springs, or Rangely is required.

Following successful completion of the Radiologic Technology Program, and ethics and examination requirements, 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.

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 may be required to take a Major Field Achievement Test (exit exam).

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**NAME:** _____ **STUDENT ID #** _____

**LOCAL ADDRESS AND PHONE NUMBER:** _____

_____ **(  )** _____

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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:

- 77 semester hours total (A minimum of 16 taken at CMU in no fewer than two semesters).
- 2.00 cumulative GPA or higher in all CMU coursework and in coursework toward major content.
- 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** (Minimum 15 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 |
|---|---|---|---|---|
| **Communication**(6 semester hours) | | | | |
| ENGL 111 | English Composition | 3 | _____ | _____ |
| ENGL 112* | English Composition | 3 | _____ | _____ |
| **Math** (Minimum 3 semester hours) | | | | |
| MATH 113* | College Algebra or higher | 4 | _____ | _____ |
| **Social Sciences, Natural Science, Fine Arts, or Humanities or selected Applied Studies+ Courses** (Minimum 6 semester hours) PSYC 150 recommended. | | | | |
| _____ ____ | _____ | 3 | _____ | _____ |
| _____ ____ | _____ | 3 | _____ | _____ |
| **OTHER LOWER DIVISION REQUIREMENTS** | | | | |
| **Wellness** (2 semester hours) | | | | |
| KINE 100 | Health and Wellness | 1 | _____ | _____ |
| KINA 1____ | _____ | 1 | _____ | _____ |

| Course No | Title | Sem.hrs | Grade | Term/Trns |
|---|---|---|---|---|
| **Foundation Prerequisites Courses** (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.

| | | | | |
|---|---|---|---|---|
| **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 123 | Digital Imaging | 2 | _____ | _____ |
| RTEC 131 | Radiographic Anatomy and Positioning II | 2 | _____ | _____ |
| RTEC 131L | Radiographic Anatomy and Positioning II Lab | 1 | _____ | _____ |
| RTEC 133 | Imaging Equipment | 2 | _____ | _____ |
| RTEC 133L | Imaging Equipment 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 | _____ | _____ |

*Required by this program
+Choose from HSCI 101, SPCH 101, SPCH 102

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 CMU and CCC Radiologic Technology curriculum

| Community College RT Curriculum | Colorado Mesa University RT Curriculum |
|---|---|
| **RTE 101, 111 (4 cr)**<br>Introduction to Radiography<br>Radiographic Patient Care | **RTEC 120 (3 cr)**<br>Introduction to Radiologic Technology<br>and Patient Care |
| **RTE 121 (3 cr)**<br>Radiologic Procedures I | **RTEC 121, 121L (3 cr)**<br>Radiographic Anatomy and Positioning I<br>Radiographic Anatomy and Positioning Lab I |
| **RTE 122 (3 cr)**<br>Radiologic Procedures II | **RTEC 131, 131L (3 cr)**<br>Radiographic Anatomy and Positioning II<br>Radiographic Anatomy and Positioning Lab II |
| **RTE 131 (1.5 cr)**<br>Radiographic Pathology and Image Eval I | **RTEC 251, 255, 265 (5cr)**<br>Radiographic Pathology (3)<br>Radiographic Assessment I (1)<br>Radiographic Assessment II (1) |
| **RTE 132 (1.5 cr)**<br>Radiographic Pathology and Image Eval II | **RTEC 251, 255, 265 (5cr)**<br>Radiographic Pathology (3)<br>Radiographic Assessment I (1)<br>Radiographic Assessment II (1) |
| **RTE 141 (3 CR)**<br>Radiographic Equipment/Imaging I | **RTEC 123 (2 cr)**<br>Digital Imaging |
| **RTE 142 (3 cr)**<br>Radiographic Equipment/Imaging II | **RTEC 122, 122L (3 cr)**<br>Principles of Radiographic Exposure<br>Principles of Radiographic Exposure lab |
| | **RTEC 133, 133 L (3 cr)**<br>Imaging Equipment<br>Imaging Equipment lab |
| **RTE 221 (3 cr)**<br>Advanced Medical Imaging | **RTEC 131, 131L (3 cr)**<br>Radiographic Anatomy and Positioning II<br>Radiographic Anatomy and Positioning lab II |
| **RTE 231 (2 cr)**<br>Radiation Biology and Protection | **RTEC 135 (2 cr)**<br>Radiation Biology and Protection |
| **RTE 289 (3 cr)**<br>Capstone | **RTEC 261 (3 cr)**<br>Radiographic Review |
| **RTE 181 (5 cr)**<br>Radiographic Internship I | **RTEC 114 (2 cr)**<br>Radiographic Clinical Experience I |
| **RTE 182 (5 cr)**<br>Radiographic Internship II | **RTEC 124 (4 cr)**<br>Radiographic Clinical Experience II |
| **RTE 183 (7 cr)**<br>Radiographic Internship III | **RTEC 214 (6 cr)**<br>Radiographic Clinical Experience III |
| **RTE 281 (8 cr)**<br>Radiographic Internship IV | **RTEC 224 (8 cr)**<br>Radiographic Clinical Experience IV |
| **RTE 282 (8 cr)**<br>Radiographic Internship V | **RTEC 234 (8 cr)**<br>Radiographic Clinical Experience V |

## SUGGESTED COURSE SEQUENCING FOR A MAJOR IN RADIOLOGIC TECHNOLOGY

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

### FIRST YEAR

| Fall Semester | | Hours |
|---|---|---|
| ENGL 111 | English Composition | 3 |
| MATH 113 | College Algebra or higher | 4 |
| General Education | | 3 |
| KINE 100 | Health and Wellness | 1 |
| KINA | Activity | 1 |
| | | 12 |

| Spring Semester | | Hours |
|---|---|---|
| ENGL 112 | English Composition | 3 |
| General Education | | 3 |
| BIOL 209 | Human Anat & Physiology | 3 |
| BIOL 209L | Human Anat & Phsiology Lab | 1 |
| | | 10 |

### SECOND YEAR

| Fall Semester | | Hours |
|---|---|---|
| RTEC 114 | Radiographic Clinical Experience I | 2 |
| RTEC 120 | Intro to Rad. Tech. and Patient Care I | 3 |
| RTEC 121 | Radiographic Anatomy/Positioning I | 2 |
| RTEC 121L | Anatomy/Position I Lab | 1 |
| RTEC 122 | Principles of Radiographic Exposure I | 2 |
| RTEC 122L | Princ. Of Radiographic Exposure I Lab | 1 |
| RTEC 123 | Digital Imaging | 2 |
| | | 13 |

| Spring Semester | | Hours |
|---|---|---|
| RTEC 124 | Rad. Clinical Experience II | 4 |
| RTEC 131 | Rad. Anatomy & Positioning II | 2 |
| RTEC 131L | Rad. Anatomy & Positioning II Lab | 1 |
| RTEC 133 | Imaging Equipment | 2 |
| RTEC 133L | Imaging Equipment Lab | 1 |
| RTEC 135 | Radiation Biology and Protection | 2 |
| | | 12 |

### THIRD YEAR

| Summer Semester | | Hours |
|---|---|---|
| RTEC 214 | Clinical Experience III | 6 |
| | | 6 |

| Fall Semester | | Hours |
|---|---|---|
| RTEC 224 | Clinical Experience IV | 8 |
| RTEC 251 | Radiographic Pathology | 3 |
| RTEC 255 | Radiographic Assessment I | 1 |
| | | 12 |

| Spring Semester | | Hours |
|---|---|---|
| RTEC 234 | Clinical Experience IV | 8 |
| RTEC 261 | Radiographic Review | 3 |
| RTEC 265 | Radiographic Assessment II | 1 |
| | | 12 |