

## **RADIOGRAPHY**

### *Selective Admission Requirements*

**Application Period: February 1, 2012 through April 5, 2012**

***MINIMUM REQUIREMENTS ARE SUBJECT TO CHANGE EACH ACADEMIC YEAR.***

Radiographers use radiation to produce images of tissues, organs, bones, and vessels that comprise the human body. The curriculum includes instruction in patient care and management, radiation protection, imaging procedures, quality assurance, recording media processing, equipment maintenance, interpersonal communication, and professional responsibility through an integration of classroom, laboratory, and clinical education. The radiographer is a skilled healthcare professional qualified to provide patient services using imaging modalities as directed by qualified physicians.

Program graduates are eligible to apply to take the national examination administered by the American Registry of Radiologic Technologists for certification and registration as medical radiographers.

#### ***Employment***

Program graduates work in radiology departments in hospitals, clinics, physicians' offices, research and medical laboratories, federal and state agencies and industry. The hospital offers a wide variety of subspecialties including orthopedics, mammography, operating room and trauma areas. Average starting hourly wage will range from \$18.00 - \$24.00 per hour.

#### **Radiography Program Mission and Goals**

The mission of the Radiography Program at Cape Fear Community College is to prepare graduates to be competent radiographers.

Goals:

1. The graduates of the program will demonstrate competence in skills basic to the Radiography Profession.
2. The graduates of the program will be able to effectively utilize problem solving, critical thinking, and communication skills in the performance of medical imaging.
3. The graduates of the program will accept responsibility for continuing the process of professional development and growth.
4. The program meets the needs of the community by providing a sufficient number of qualified radiographers.

#### **APPLICATION PROCESS**

It is important that all applicants for the Radiography Program understand the selective admissions process. Applicants who wish to submit a Radiography application must first meet minimum requirements. Please review carefully the information regarding minimum requirements and other pertinent information listed below.

**ALL APPLICANTS MUST APPEAR IN PERSON AT CAPE FEAR COMMUNITY COLLEGE.  
APPLICATIONS CANNOT BE TAKEN OVER THE TELEPHONE OR BY MAIL/WRITTEN  
CORRESPONDENCE.**

Steps 1 through 6 must be completed prior to filing your "Intent to Apply" to the Radiography program.

**Students must:**

1. Complete the CFCC General Admissions Application.
2. Request official high school transcript or GED scores be mailed to the Admissions and Records Office. Official transcripts should be mailed from the institution(s) attended or be hand delivered in an envelope sealed by a representative of the school(s) attended.
3. Request official transcripts from **all** colleges or schools attended be mailed to the Admissions and Records Office. These will be reviewed for possible transfer credit.
4. **Have an overall GPA of 2.5 or higher in all post-secondary coursework completed at Cape Fear Community College.** If your CFCC GPA is below 2.5 and you have not been enrolled in CFCC for 3 consecutive years, you **may be** eligible for academic forgiveness. (See page 24 in the current 2011-2012 catalog.)
5. Complete appropriate Placement Test, if required by the Admissions Office and meet minimum cut-off scores on Placement Test. (see #1 below)
6. High School courses in biology and algebra with a "C" or better, or one college semester of each with a grade of "C" or better. (see #2, 3, below)
7. Submit "Radiography intent to apply" application with a counselor between February 1 and April 5, 2012. (see #5 Timeframe below)
8. **Take Psychological Services Bureau (PSB) exam.**

*A minimum average composite score of 60% is necessary to apply to the program. More information about the PSB examination will be discussed later in the packet.*

**A \$25.00 fee will be charged to take the Health Occupations PSB exam. Applicants must appear in person at Cape Fear Community College. The PSB exam fee must be paid by check, cash or credit card at the time the PSB exam is scheduled. If there are circumstances beyond the applicants control and he/she misses the scheduled test date and provides documentation of the extenuating circumstance, the Director of Counseling **MAY** choose to issue a "Standby Pass" for testing. A "Stand By Pass" does not guarantee admission to the test; admission to the test may be determined by seat availability.**

## **MINIMUM ADMISSION REQUIREMENTS**

### **1. PLACEMENT TEST SCORES**

All students who wish to apply for the Radiography Program must have taken a Placement Test and met minimum cut-off scores within the previous five years.

\*Completion of English 111 or its equivalent and Math 141 or higher with a grade of "C" or better may eliminate taking a Placement Test.

<u>ASSET</u>	<u>Compass</u>	<u>Accuplacer (CPT)</u>	<u>SAT</u>	<u>ACT</u>
41 Writing	70 Writing	86 Sentence	470 Verbal or	19 English
41 Reading	81 Reading	80 Reading	470 Reading &	19 Reading
41 Numerical	47 Pre-Algebra	55 Arithmetic	470 Writing	20 Math
*41 Elementary Alg.	*66 Algebra	*75 Elementary	500 Math	
Or		Algebra		
*41 Intermediate Alg.				

\*Note: Students applying in the Spring of 2013 for entry into the Radiography program for Fall 2013 must meet the Elementary Algebra placement scores as follows:

<u>ASSET</u>	<u>Compass</u>	<u>Accuplacer</u>
30 Interm Algebra	46 Algebra	55 Elem Algebra

If an applicant scores less than the minimum cut-off scores on the Placement Test, he/she will be required to complete the essential sequence of developmental courses. If the student completes all of the required developmental courses with a grade of “C” or higher prior to the application deadline date and meets the other minimum requirements, he/she may be considered for admission to the program.

The Placement Test, or any combination of Placement Tests, may be taken twice in twelve consecutive months. Applicants who violate the testing policy will not be disqualified. Those who have taken the PSB Health Occupations exam for Radiography in previous years should be aware that only those scores from the two most recent attempts will be considered. Placement tests which violate the testing policy will be disregarded.

Students who have taken the Placement Test at another community college in the past **five (5) years** are responsible for ensuring that the scores are transferred to Cape Fear Community College by the application deadline.

Students who need to make accommodations for testing due to special needs should contact the **Disabilities Coordinator in A-215A or call 910-362-7012.**

## **2. BIOLOGY**

All students who wish to apply for the Radiography Program must have completed a Biology course in high school or college and achieved a grade of “C” or higher within **seven (7) years prior to filing your “Intent to Apply”** to the Radiography Program. Applicants who have taken the GED within **seven (7) years** may also meet this requirement if they achieved a standard score of **45 or 450** on the GED Natural Science Test. If an applicant received his/her GED more than seven years ago, he/she will be required to complete a Biology course. Interested applicants who need to meet the biology requirement should complete **BIO 168.**

## **3. ALGEBRA**

All students who wish to apply for the Radiography program must have completed an Algebra course in high school or college and achieved a grade of “C” or higher within **seven (7) years** prior to filing your “Intent to Apply” to the Radiography Program. If a student has an algebra course more than seven (7) years old (that waived the placement test) they must take the math placement test (algebra section) and score 75 or higher to meet the algebra course requirement. Interested applicants who need to meet the Algebra course

requirement should complete **MAT 080 or MAT 141 or higher for Fall 2012**. *Students filing an "Intent to Apply" in the spring of 2013 for fall 2013 need a minimum Accuplacer placement test score of 55 in Elementary Algebra and MAT 140 or 141.*

#### **4. TIME FRAME**

Applications for the Radiography Program will be available beginning **February 1, 2012 through April 5, 2012** in the Counseling Office (A-220 Downtown or NA-100 North Campus).

It is the applicants' responsibility to ensure that all requirements are met prior to filing your "Intent to Apply" to the program. Admission deadlines, guidelines, and policies for the Radiography program apply equally to all students; thus, **there can be no exceptions.**

### **RADIOGRAPHY SELECTION PROCESS**

The Point System was implemented as an objective means for evaluating Radiography Program applicants. Radiography applicants will be ranked based upon points earned, and the students with the highest point total will be selected. If two or more students have the same total point count, the date that the Radiography "Intent to Apply" was received in the counseling office will be used. See Radiography "Point Count Worksheet" for point values.

**SECTION A:** 5 points each for high school chemistry and physics course with a "C" or better. If the applicant is currently a high school senior with a 3.5 or higher GPA, he/she is eligible for 55 points, if the high school student has not completed college course work that contributes to the point count for this program. Note: No college credit points will be given in addition to the 55 points.

#### **SECTION B:**

- Points for Grade Point Average - 10 points will be awarded for students with a Grade Point Average of 3.5 or higher (minimum of 12 credits, excluding Developmental Classes) at CFCC.
- Fifteen (15) points given for a college Chemistry course and 10 points for a college Physics course. (Must be "C" or higher and cannot earn points for both high school and college course in same area.)
- Points for Information session - 10 points will be awarded for attending one Radiography Program Information Session for the current year. In order to receive points, you must attend one of the sessions listed below. No points will be awarded for sessions attended in previous years. A certificate of attendance must be filled out (by student) and collected by a counselor immediately after the information session in order for points to be awarded.

Monday	September 12, 2011	2:00 – 3:00 pm	Room L-107
Thursday	January 12, 2012	2:00 – 3:00 pm	Room L-107
Wednesday	April 4, 2012	2:00 – 3:00 pm	Room L-107

**SECTION C:** Radiography applicants may earn points for the completion of various related courses in CFCC's Radiography program. In order to earn points for college courses, applicants must have achieved grades of "C" or higher. See "Point Count Worksheet" for point values.

- **SPECIAL NOTES:**
  - BIO 168 and BIO 169 must have been taken in the last (7) seven years. First attempt with a letter grade of "C" or better will be considered for the point count.
  - **Humanities/Fine Arts Elective: This requirement may be met by taking any Humanities or Fine Arts elective that states in the course description that it *satisfies***

*the Comprehensive Articulation Agreement general education core requirement in humanities/fine arts for AAS degree with the exception of a foreign language. See Course Descriptions on pg 206 through pg 314 of the 2011-2012 catalog. If choosing a foreign language, the elective must be a third level course; i.e. FRE 211, GER 211 or SPA 211.*

- **A CIS computer course is no longer a program requirement, but computer competency is required for college graduation in NC. This can be met by taking CIS 110/111 or by taking a computer proficiency exam in the CFCC learning lab.**

#### SECTION D: Points for Psychological Services Bureau (PSB) Admissions Exam

Students who meet the minimum requirements will schedule an appointment to take the Health Occupations PSB Admissions exam as part of the Intent to Apply process. Radiography applicants may take the Health Occupations PSB **one time per application period**. Those who have taken the Health Occupations PSB for Radiography in previous years should be aware that only those scores from the two most recent attempts within the last 5 years will be considered.

There are several resources that can be used to help prepare for this exam such as a dictionary, 8<sup>th</sup> grade arithmetic textbooks, high school science textbooks, GED Study Guide, SAT Study Guide, and the ARCO Nursing School & Allied Health Entrance Exams by Marion F. Gooding, R.N., Ph.D. The CFCC Learning Lab (910) 362-7137 offers tutoring for the PSB exam.

**A study guide for the PSB Exam can be accessed at: [www.cfcc.edu/testing-services/](http://www.cfcc.edu/testing-services/) (use lower case letters).**

Percentiles in 5 areas of the PSB Exam -- **I) Academic Aptitude (to include Verbal, Arithmetic, Non-Verbal), II) Spelling, III) Reading Comprehension, IV) Natural Sciences, and V) Vocational Adjustment Index** are used in calculating the points earned in this section. These 5 percentiles are averaged and this value is used toward the applicant's total points. **A minimum average composite score of 60% is necessary to apply to the program.**

**A \$25.00 FEE WILL BE CHARGED TO TAKE THE HEALTH OCCUPATIONS PSB EXAM. A \$25.00 FEE WILL BE CHARGED TO RENORM A HEALTH OCCUPATIONS PSB EXAM TAKEN FOR ANOTHER PROGRAM. TEST SCORES THAT ARE MORE THAN ONE YEAR OLD CANNOT BE RENORMED.**

NOTE: Applicant's point count is confidential; thus, please do not call to inquire about your point count. To protect your privacy, point count totals will not be discussed on the telephone.

#### **NOTIFICATION PROCEDURE**

Eighteen (18) students will be admitted to the Radiography Program for the Fall of 2012.

Radiography applicants who are selected based upon their point count will be conditionally accepted into the program pending the submission and review of a medical history form, drug screening, criminal background check and CPR certification. ***The admitted students will be notified when to complete the following information:***

### 1. Medical Reports

All accepted students will be sent the North Carolina Community College System Medical Forms. These completed health/medical reports must be received by the specified date noted in the acceptance letter. The vision, hearing and urinalysis sections on page 7 of the health report are not required.

### 2. Drug Screen

**Nine-(9) panel urine drug screen is mandatory.** Methadone will be included in the urine drug screening.

### 3. CPR

You must submit documentation of the American Heart Association (AHA) Basic Life Support BLS or BCLS (adult, child and infant). This is good for two years. Classes are available through South Eastern Area Health Education Center (SEAHEC) <http://www.coastalahec.org> or call 910 343-0161. (Red Cross no longer accepted.).

### 4. Criminal Background Check/Drug Screening

Clinical sites require a drug screening and/or a criminal background check prior to allowing students into the clinical setting (Any associated fees will be the responsibility of the student). Testing positive on the drug screening, or evidence of tampering with a specimen, will disqualify a student from participation from the clinical assignment. In addition, certain criminal activity, as evident by a criminal background check may also disqualify a student from clinical participation. Please be aware that failure to participate in a clinical assignment based on either the drug screening or criminal background check will result in dismissal from the Radiography Program. For further information, students should see the **"Drug and Alcohol Policy"** in the **2011-2012 CFCC Student Handbook (pages 55-57)**. **Students must access a criminal background check at [www.certifiedbackground.com](http://www.certifiedbackground.com) or by calling 1-888-723-4263.** **Background checks from other companies will not be accepted.**

### 5. Transportation

Students must provide their own transportation to clinical sites. Applicants should be aware that travel in areas outside of New Hanover and Pender Counties will be required for clinical placement. The out of town clinical sites (30-60 miles) include, Doshier Memorial Hospital in Southport, Pender Memorial Hospital in Burgaw and Bladen County Hospital in Elizabethtown.

## A. PROGRESSION POLICY

Students admitted to the Radiography Program must achieve or have achieved a **"C"** in each course in the curriculum in the sequence described in the curriculum schedule in order to progress semester by semester.

### Grading Policy

A	Excellent	92-100
B	Good	84-91
C	Average	76-83
D	Poor	68-75

A semester credit hour is equivalent to 16 hours of classroom instruction or 48 hours of laboratory or clinical instruction.

## **B. PHYSICAL AND COGNITIVE EXPECTATIONS OF A STUDENT RADIOGRAPHER**

Radiography is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. For purposes of program compliance with the 1990 Americans with Disabilities Act, a qualified individual with a disability is one who with or without reasonable accommodation or modification meets the essential eligibility requirements for participation in the Radiography program.

If students believe program requirements cannot be met without accommodations or modification, college officials will determine on an individual basis, whether accommodations can be reasonably made.

## **C. TECHNICAL STANDARDS FOR RADIOGRAPHY**

**TO THE APPLICANT:** Because of the requirements inherent in performing radiologic procedures in clinical environments, the following technical standards have been defined for Radiography applicants.

*You are advised to read the standards carefully and to seek clarification if necessary.*

1. Reach, manipulate, and operate radiographic and fluoroscopic equipment, which is above shoulder level (about six feet off the floor).
2. Lift and carry at least thirty (30) pounds of weight in order to safely transport and use ancillary aids (cassettes, sandbags, portable equipment, etc.) when performing radiologic procedures.
3. Safely move standard wheel chairs and stretchers with patients from the emergency or waiting areas to radiologic examining rooms and safely assist mobile patients from the stretcher or wheel chair to the examining table and back without assistance.
4. Safely move immobile patients from stretcher to examining table and back with assistance from departmental personnel.
5. Lift, manipulate, and move patients as necessary for the performance of radiologic procedures.
6. Correctly read technique charts, read and select correct exposure factors at control consoles, and read and set correct distances and other equipment settings at the radiographic and fluoroscopic towers.
7. Monitor equipment and background sounds during equipment operation and report unusual or abnormal sounds to the appropriate person.
8. Visually monitor patient for retention of correct position, correct breathing, motion or evidence of physical or emotional distress during the performance of radiologic procedures, including in dimly lit environments.
9. Monitor and evaluate the vital signs of a patient including the taking of temperatures and reading standard thermometers, taking blood pressure, monitoring respiration, and pulse rate.
10. Communicate clearly, both orally and in writing, with the patient, patient's family, clinical personnel, and others in order to obtain or disseminate information relevant to patient care and work duties.
11. Read and correctly carry out written instructions given on requisitions, treatment charts, notes and other records.
12. Understand and correctly carry out oral instructions given by instructors and clinical personnel in the special procedures suite or operating room setting where all personnel are wearing surgical masks.
13. Evaluate radiographs for technical quality including visual perception of density levels, contrast levels, evidence of distortion, and evaluation of minute structural details for evidence of blur.
14. Demonstrate emotional stability and mental alertness in day-to-day interactions with patients, visitors, staff and peers in high stress/pressure situations in the radiologic environment.

## **D. PROFESSIONAL CERTIFICATION**

Graduation from the Radiography Program does not guarantee eligibility for the American Registry of Radiologic Technologists Examination (ARRT). Other eligibility requirements of the ARRT must be met. Individuals with misdemeanor/felony convictions should apply to ARRT for an evaluation of examination

eligibility prior to admission to this program. To request a pre-application review form, phone ARRT at 651-687-0048, ext. 544: write to them at 1255 Northland Drive, St. Paul, MN 55120-1155 or go online at [www.arrt.org](http://www.arrt.org).

### **ACCREDITATION OF PROGRAM**

The Radiography Program is fully accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606, Tel. (312) 704-5300. [www.jrcert.org](http://www.jrcert.org).

### **COUNSELING**

If you have questions or concerns regarding the selective admissions process, please contact a counselor in room A-220 or at the North Campus in room NA-100.

Revised 7/2011

**CAPE FEAR COMMUNITY COLLEGE  
2011 - 2012  
TUITION & FEES**

**Payment methods: cash, check, money order, VISA, MasterCard, American Express, Discover, financial aid or 3rd party sponsorship. All forms of payment must be received by the Business Office to be officially registered.**

**FEE CHART**

<b>Credit Hours</b>	<b>In-State Tuition</b>	<b>Out-of-State Tuition</b>	<b>Student Activity Fees</b>	<b>Parking &amp; Security Fees</b>	<b>Technology Fees</b>
1	66.50	258.50	\$7.25	\$10.00	\$1.00
2	133.00	517.00	\$9.50	\$10.00	\$2.00
3	199.50	775.50	\$11.75	\$10.00	\$3.00
4	266.00	1034.00	\$14.00	\$10.00	\$4.00
5	332.50	1292.50	\$16.25	\$10.00	\$5.00
6	399.00	1551.00	\$18.50	\$10.00	\$6.00
7	465.50	1809.50	\$20.75	\$10.00	\$7.00
8	532.00	2068.00	\$23.00	\$10.00	\$8.00
9	598.50	2326.50	\$25.25	\$20.00	\$9.00
10	665.00	2585.00	\$27.50	\$20.00	\$10.00
11	731.50	2843.50	\$29.75	\$20.00	\$11.00
12	798.00	3102.00	\$32.50	\$20.00	\$12.00
13	864.50	3360.50	\$32.50	\$20.00	\$13.00
14	931.00	3619.00	\$32.50	\$20.00	\$14.00
15	997.50	3877.50	\$32.50	\$20.00	\$15.00
16 or More	1064.00	4136.00	\$32.50	\$20.00	\$16.00

**LIABILITY INSURANCE: \$15.00 PER SCHOOL YEAR  
(HEALTH SCIENCE STUDENTS)**

FULL TIME	12 CREDIT HOURS
¾ TIME	9 CREDIT HOURS
½ TIME	6 CREDIT HOURS

Tuition is established by the North Carolina State Legislature and is subject to change without prior notification.

**Cape Fear Community College  
Estimated Expenses  
Radiography Program  
2012**

**First Semester (Fall)**

Uniforms	\$ 90.00
Shoes	50.00
Insurance	15.00
Tuition/Fees (IN-STATE)	1,132.50
<i>Tuition/Fees (OUT-OF-STATE)</i>	<i>4,204.50</i>
Books	1000.00
Criminal Background Check	10.00
Physical	100.00
Drug Screen	40.00
<b>Total (IN-STATE)</b>	<b>\$2,437.50</b>
<b>Total (OUT-OF-STATE)</b>	<b>\$5,509.50</b>

**Second Semester (Spring)**

Tuition/Fees (IN-STATE)	\$1,132.50
<i>Tuition/Fees (OUT-OF-STATE)</i>	<i>4,204.50</i>
Books	350.00
<b>Total (IN-STATE)</b>	<b>\$1,482.50</b>
<b>Total (OUT-OF-STATE)</b>	<b>\$4,554.50</b>

**Third Semester (Summer)**

Tuition/Fees (IN-STATE)	\$652.75
<i>Tuition/Fees (OUT-OF-STATE)</i>	<i>2,380.75</i>
Books	150.00
<b>Total (IN-STATE)</b>	<b>\$ 802.75</b>
<b>Total (OUT-OF-STATE)</b>	<b>\$2,530.75</b>

<b>Total cost first year (IN-STATE)</b>	<b>\$ 4,722.75</b>
<b>Total cost first year (OUT-OF-STATE)</b>	<b>\$12,594.75</b>

**Fourth Semester (Fall)**

Tuition/Fees (IN-STATE)	\$1,132.50
<i>Tuition/Fees (OUT-OF-STATE)</i>	<i>4,204.50</i>
Books	250.00
Insurance	15.00
<b>Total (IN-STATE)</b>	<b>\$1,397.50</b>
<b>Total (OUT-OF-STATE)</b>	<b>\$4,469.50</b>

**Fifth Semester (Spring)**

Tuition/Fees (IN-STATE)	\$ 930.00
<i>Tuition/Fees (OUT-OF-STATE)</i>	<i>3,426.00</i>
Books	250.00
Cap & Gown	25.00
<b>Total (IN-STATE)</b>	<b>\$1,205.00</b>
<b>Total (OUT-OF-STATE)</b>	<b>\$3,701.00</b>

<b>Total cost second year (IN-STATE)</b>	<b>\$2,602.50</b>
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<b>Total cost of second year (OUT-OF-STATE)</b>	<b>\$8,170.50</b>
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<b>Estimated cost of program without travel expenses to clinical sites is</b>	
<b>IN-STATE.....</b>	<b>\$ 7,325.25</b>
<b>OUT-OF-STATE.....</b>	<b>\$ 20,765.25</b>

**Upon successful completion of this program students may apply to take the American Registry of Radiologic Technologists. Fees associated with this registry are currently \$150.00.**

*Revised 7/2011*

**Associate in Applied Science (A.A.S.)  
Degree in Radiography  
Curriculum**

**I. General Education Courses** – Once accepted at CFCC, take these courses while you are in the Pre-Radiography major. These will add to your total point count and are required for graduation.

Course #	Course Name	Credits	Notes
BIO 168	Anatomy & Physiology I	4	Use this course for your minimum Biology requirement to apply to the program.
BIO 169	Anatomy & Physiology II	4	
ENG 111	Expository Writing	3	
ENG 114	Professional Research & Reporting	3	Eng 112 or ENG 113 also accepted
PSY 150	General Psychology	3	
Any	Humanities Elective	3	Suggested: PHI 230 Intro to Logic or HUM 115 Critical Thinking
CIS 110/111	Computer Literacy	2/3	No points given, but required for graduation, may Clep out in library

**II. Other Courses** – These courses are not required for graduation, but will add to your point count.

Any	College Chemistry		See point count worksheet
Any	College Physics		See point count worksheet
MAT 080 or higher	Algebra		This is the minimum Algebra requirement in order to apply to the program.
Note:	MAT 140 or MAT 141 will be required for Fall of 2013 "intent to apply"		

**III. Major Courses** – You will take these once you are officially accepted into the Radiography program and your major has been changed from Pre-Radiography to Radiography. All courses below are taken in this sequence. Note: Any General Education course from above that have not been taken prior to acceptance are required for graduation.

**Fall of First Year:**

RAD 110	Rad Intro & Patient Care	3
RAD 111	Rad Procedures I	4
RAD 151	Rad Clinical Ed I	2
RAD 181	Rad Clinical Elective	1

**Spring of First Year:**

RAD 112	Rad Procedures II	4
RAD 121	Radiographic Imaging I	3
RAD 161	Rad Clinical Ed II	5

**Summer of First Year:**

RAD 122	Radiographic Imaging II	2
RAD 131	Radiographic Physics I	2
RAD 171	Rad Clinical Ed III	4
RAD 281	Rad Clinical Elective	1

**Fall of Second Year:**

RAD 211	Rad Procedures III	3
RAD 231	Radiographic Physics II	2
RAD 241	Radiobiology Protection	2
RAD 251	Rad Clinical Ed IV	7

**Spring of Second Year:**

RAD 245	Rad Quality Management	2
RAD 261	Rad Clinical Ed V	7
RAD 271	Radiography Capstone	1

Total Credits = 75

**Computer competency must be met for graduation.**

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