BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

Radiography
Associate in Applied Science
Academic Plan Code – 5109077039

Description:

This program prepares the individual to become a radiographer. The radiographer is prepared to administer ionizing radiation for medical diagnostic imaging purposes. Emphasis is on radiation protection and quality patient care. The curriculum is comprised of specialized courses in radiography with concentrated study in the basic sciences, mathematics and general education. Students enrolled in the Radiography program must achieve a minimum grade of "C" in each Radiography course. Upon completion of the program, the graduate is eligible to apply to write the examination for registration as a radiographer by the American Registry of Radiologic Technologists. Radiographers may find positions in hospitals, health clinics, and physicians' offices. Research laboratories and some industrial firms may also employ radiographers.

Note: CPR certificate must be obtained prior to enrolling in RADI 100 and certification must be kept current throughout the program. The curriculum requires attendance in the summer session, fall and spring semesters

General Education		
Course	**Course Description**	**Credit Hours**
BIO 137	Anatomy & Physiology I	4
BIO 139	Anatomy & Physiology II	4
ENG 101	Writing I	3
MA 109	College Algebra	3
PH 172	Applied Physics	2
	Heritage/Humanities/Foreign Language	3
	Social Interaction	3
	Oral Communications	3
	Computer Literacy	0-3
	Medical Terminology	3
	Sub-Total	28-31
Radiography Courses		
Course	**Course Description**	**Credit Hours**
IMG 100	Radiography I	7
IMG 101	Clinical I	4
IMG 110	Radiography II	7
IMG 111	Clinical II	4
IMG 201	Clinical III	3
IMG 210	Radiography IV	4
IMG 211	Clinical IV	6
IMG 220	Radiography V	4
IMG 221	Clinical V	6
	Sub-Total	45
	Total	73-76

Radiography Program System Guidelines

Enrollment in the radiography program may be restricted due to limited laboratory facilities or faculty and financial resources.

Technical Standards

Radiography involves the provision of direct care for individuals and is characterized by the application of verified knowledge in the skillful performance of radiological technical functions. Therefore, all applicants should possess:

1. sufficient visual acuity, such as is needed in the accurate preparation and administration of contrast media and for the observation necessary for patient assessment and nursing care;

2. sufficient auditory perception to receive verbal communication from patients and members of the health team and to assess health needs of people through the use of monitoring devices such as cardiac monitors, stethoscopes, intravenous infusion pumps, fire alarms, etc.;

3. sufficient gross and fine motor coordination to respond promptly and to implement the skills, including the manipulation of equipment, positioning and lifting patients required in meeting health needs related to radiologic technology;

4. sufficient communication skills (speech, reading, writing) to interact with individuals and to communicate their needs promptly and effectively, as may be necessary in the patient's/client's interest; and

5. sufficient intellectual and emotional functions to plan and implement care for individuals.

Admission to the Program

Selection of students for the program will be made by the president of the college or the president's designee after considering the recommendation of the Admissions Committee. Membership on this committee shall be as follows:

Radiography Program Coordinator
Radiography Faculty Member
Division Chairperson
Admissions Officer or Dean of Student Affairs
Counselor and/or Faculty

Each applicant must submit the following credentials by March 1 in order to be considered by the committee:

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1. Completed application for admission to the college;

2. Transcripts of all postsecondary education or training;

3. ACT or Compass score reports;

Possible Additional Requirements

1. An individual college may require at least a four hour observation/work experience in a Radiology Department with documentation returned to the college; and

2. An individual college may require an interview or pre-admission conference prior to consideration for admission to the radiography program.

Preference may be given to

1. Applicants with an ACT composite score of 20 or above; or COMPASS scores in Math (Algebra) of 48 or above, in Reading of 81 or above, and in Writing of 70 or above;

2. Applicants who have a cumulative GPA of 2.5 or better (4 point scale) in 10 hours or more of college credit applicable to the radiography program;

3. Applicants who have completed the biological and physical sciences and mathematics courses listed in the radiography curriculum with a grade of “C” or better.

Retention and Progress in the Program

A student who withdraws from or earns less than a grade of “C” in any course with the Radiography program prefix will be dropped from the Radiography program.

Readmission

1. Readmission to the Radiography program will be dependent upon available resources;

2. In order to be considered for readmission by the Radiography Admissions Committee, the applicant must submit a written request to the Radiography Program Director and meet current admission guidelines.

3. Students who wish to apply for readmission to the program must do so three (3) months prior to the expected date of enrollment;

Further Considerations

1. If more than one year has elapsed since the end of enrollment in the radiography program, an applicant must repeat all radiography courses unless the student has demonstrated current competency by passing exams equivalent to comprehensive course final examinations (both written and clinical skills) if available at the college to which the student is applying for admission.

2. A student may be readmitted to the Radiography Program one time. The Radiography Admissions Committee may recommend readmission a second time, if a student furnished sufficient evidence of remedial study, additional preparation, or resolution of factors contributing to unsuccessful course completion.

3. Application is not a guarantee of readmission to the program, and

4. If an individual student fails the American Registry of Radiologic Technologists ARRT certification exam four (4) times, he or she must repeat the Radiography courses of the curriculum.

Transfer

1. Applicants who wish to transfer from one Radiography program to another must:

   a. meet all admission requirements of the receiving institution;

   b. apply at least three months prior to the expected date of enrollment;

   c. notify the Coordinator of the Radiography Program in writing, stating anticipated entry date and reason for transfer;

   d. submit a letter of recommendation to the receiving institution from the program director of the previous institution; and

   e. submit an official transcript for evaluation by the Admissions Committee.

2. If more than one year has elapsed since enrollment in a Radiography program, the entire sequence of radiography courses must be repeated.

3. Acceptance of any transfer student will be dependent upon available resources, and

4. The radiography admission committee of the receiving institution will review all documentation and may recommend admission as a transfer student.