



EASTERN  
GATEWAY  
COMMUNITY  
COLLEGE

Addendum #

**EASTERN GATEWAY COMMUNITY COLLEGE  
COLLEGE CATALOG 2018-2019 ADDENDUM**

**ORIGINAL CATALOG PUBLISHED ON 8/20/2018**

**The material in this addendum supplements the *College Catalog 2018-2019* published on 8/20/2018**

**Catalog Addendum Purpose:**

What is the purpose of this addendum?

Correct errata relating to Radiology program

**Catalog Addendum Effective Date:**

What is the effective date of this addendum?

08/20/2018

**Catalog Addendum:**

List the detailed changes to the catalog, i.e. updated curriculum grid, updated tuition or fee, updated policy, etc.

See Attached

Pg. 53: Remove from "Radiological Technology Deadline for Application- August 1<sup>st</sup>" to end of page

Pg. 54: Remove all text

Add admission process page- see attached

Pg. 55 Remove grid

Pg. 55 Add new grid- see attached

The above information replaces, supplements, or updates, the corresponding section(s) of the 2018-2019 Catalog on Page(s) [List the page number(s) to which the addendum specifically applies.]

# RADIOLOGY

A radiologic technologist or medical radiographer assists a radiologist (M.D.) in the detection, diagnosis, and treatment of disease and injury through the use of X-rays in hospitals, clinics, and other health agencies. Knowledge of human anatomy is essential to correctly position a patient in order to obtain accurate radiographs. An understanding of radiation exposure (proper voltage, current, exposure time, and equipment) is necessary to obtain quality results and ensure the safety of both patient and technologist. **Continuous standing, equipment manipulation, lifting of non-ambulatory patients, and effective communication skills are required to work proficiently, often in an emergency situation.**

Required high school courses include algebra and two sciences. Physics is strongly recommended. Other recommended courses include Algebra II, geometry, trigonometry, anatomy and physiology, computer science, biology, and chemistry.

Radiologic Technology Program application/admissions criteria are identified in the Admissions section in this catalog.

**Mission statement:** The mission of the radiography program is to prepare competent, entry-level radiographers able to function within the healthcare community.

**Goal:**  
Students will be clinically competent.

**Student Learning Outcomes:**  
Students will apply positioning skills. Students will select technical factors. Students will utilize radiation protection.

**Goal:**  
Students will demonstrate communication skills.

**Student Learning Outcomes:**  
Students will demonstrate written communication skills.  
Students will demonstrate oral communication skills.

**Goal:**  
Students will develop critical thinking skills.

**Student Learning Outcomes:**  
Students will adapt standard procedures for non-routine patients.  
Students will critique images to determine diagnostic quality.

**Goal:**  
Students will model professionalism.

**Student Learning Outcomes:**  
Students will demonstrate work ethics. Students will be aware of professional organizations.

# RADIOLOGY

Facilities for clinical education include the Trinity Medical Center West, Weirton Medical Center and East Ohio Regional Hospital. Each student is assigned to a hospital in the first fall semester of the program; clinical education begins in the sixth week. During the next four semesters and one summer sessions, the student will spend one to five clinical days per week in the assigned hospital. The second-year student occasionally is assigned afternoon clinical rotation. A copy of the Joint Review Committee on Education in Radiologic Technology's "Standards" for an accredited educational program in radiologic sciences is available at the college through the office of the program director.

The graduate is eligible to take the registration examination sponsored by the American Registry of Radiologic Technologists (ARRT) upon completion of the associate degree requirements. The successful completion of the ARRT examination allows the graduate to use the initials R.T. (R) (American Registered Technologist in Radiography) after his/her name.

Upon successful completion of the radiologic technology program, the graduate will be able to:

- Perform tasks and apply skills to function as an entry-level radiographer.
- Demonstrate abilities in communication, critical thinking, and problem solving necessary for professional practice.
- Develop and apply professional attitudes, behaviors, and ethics.

Due to the risk of radiation to an unborn fetus, especially during the first trimester, any student who becomes pregnant during the program should inform the program director immediately. If the student voluntarily states that she is pregnant then she will be advised about any revisions in her clinical schedule needed to ensure protection for mother and child, as well as attainment of academic/program clinical competencies. The student's time in the program may need lengthened to ensure that all competencies and requirements are achieved prior to graduation. The student will be provided with an additional film badge, at her own expense, to be worn waist level which will monitor any radiation exposure during the pregnancy.

## Radiological Technology

**DEADLINE FOR APPLICATION – AUGUST 1<sup>ST</sup>**

**Requirements for Acceptance**

**See Enrollment Specialist to apply (740.264.5591)**

(Remove)

## Course and Program Requirements

- Complete ENG 095 (or higher placement, or transfer credit)
- Complete MTH 095 (or higher placement, or transfer credit) \*This course is a prerequisite for RAD 099.
- Complete RAD 099 (completed with a C or better)
- Take "The Test of Essential Academic Skills" (TEAS) and achieve 60 percentile or greater (TEAS testing can be completed at any time. If score is not 60 percentile or greater, the student may retake the test after 6 months. The test may only be taken twice.)
- The Program Director reserves the right to determine admission to the program with a TEAS score between 57-60 and additional appropriate documentation of skills.
- Current American Heart Association (AHA) Basic Life Support (BLS) for Health Care Providers CPR Certification
- Current FBI/BCI Background checks (Completed upon acceptance.)

**Important Information**

(REMOVE)

- You may apply at any time once your prerequisites are complete. (For students taking RAD099 the summer prior to the Fall start, you may apply conditionally pending completion of RAD099.)
- There are 16 spaces available each Fall. Once these spaces are filled applicants who fulfill the requirements will be added to a waiting list. Waiting list individuals will be notified as soon as a spot becomes available and notified prior to the start of the semester.

**STUDENTS MUST ATTEND THE MANDATORY HEALTH ORIENTATION PRIOR TO THE START OF THE FALL SEMESTER.** This is usually held the second week of August. Students will be notified in writing a minimum of 3 weeks prior to the official date.

**UPON ACCEPTANCE STUDENTS WILL BE PROVIDED WITH A HEALTH PACKET DETAILING ALL REMAINING REQUIREMENTS FOR CLINICALS.**

**HEALTH REQUIREMENTS MUST BE COMPLETED A MINIMUM OF FOUR WEEKS PRIOR TO THE START OF CLINICALS.**

**PROOF of HEALTH INSURANCE INFORMATION MUST BE SUBMITTED PRIOR TO START OF CLASS.**

**BLOOD BORNE PATHOGEN TRAINING AND HIPAA TRAINING WILL BE COMPLETED FOR ALL HEALTH MAJORS AT HEALTH ORIENTATION.**

Please contact one of the following with any questions:  
Program Director at 740.264.5591 ext 1733  
Administrative Assistant at 740.264.5591 ext 1728  
Medical Records at 740.264.5591 ext 1727

(ADD - Admission process)



# EASTERN GATEWAY COMMUNITY COLLEGE

## Radiological Technology

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(Remove)

# RADIOLOGICAL TECHNOLOGY

## AAS

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V
CSS106 Succeeding in College  1 ▲	RAD105 Radiography I  4 ▲	RAD108 Directed Practice III  3 ▲	RAD201 Radiography II  3 ▲	RAD204 Radiography III  3 ▲
RAD102 Radiographic Procedures I  ▲ 4	RAD106 Radiographic Procedures II  ▲ 5	MTH120 College Algebra  4	RAD202 Radiographic Physics  ▲ 2	RAD205 Directed Practice V  ▲ 3
RAD103 Directed Practice I  ▲ 1	RAD107 Directed Practice II  ▲ 2		RAD203 Directed Practice IV  ▲ 3	SOC205 Social Problems  3
RAD104 Methods of Patient Care/Into to Radiology  ▲ 3	ENG101 English Composition I  3		COM101 Public Speaking  3	MGT202 Organizational Behavior  3
BIO107 Human Anatomy and Physiology I  ▲ 4	BIO108 Human Anatomy and Physiology II  ▲ 4			
HSC101 Medical Terminology  2				
15 Credits	18 Credits	7 Credits	11 Credits	12 Credits

### 63 SEMESTER CREDITS

Students seeking admission into this Program must complete RAD099 with a grade "C" or better. All students must successfully undergo a FBI/BCI background check upon program acceptance.

Students must have a current American Heart Association, BLS Provider and BBP Certification prior to program admission. The BLS card must be valid/current through the duration of the Radiology Program.

▲ Student must obtain a letter grade of a P (Pass) or "C" or better to progress to graduation/certification.

(ADD NEW GRID)

## RADIOLOGIC TECHNOLOGY COURSES

Semester I	Semester II	Summer	Semester III	Semester IV
CSS106 Succeeding in College 1	RAD105 Radiography I 4	RAD108 Directed Practice III 3	RAD201 Radiography II 3	RAD204 Radiography III 3
RAD102 Radiographic Procedures I 4	RAD106 Radiographic Procedures II 5	MTH 128 Statistics 3	RAD202 Radiologic Physics 2	RAD205 Directed Practice V 3
RAD103 Directed Practice I 1	RAD107 Directed Practice II 2		RAD203 Directed Practice IV 3	SOC 205 Social Problems 3
RAD104 Methods of Patient Care 3	ENG101 English Composition 3		COM101 Public Speaking 3	MGT 202 Organizational Behavior 3
BIO107 Human Anatomy/Physiology I 4	BIO108 Human Anatomy/Physiology II 4			
HSC101 Medical Terminology 2				
15	18	6	11	12

62 Semester Credits Required for Graduation

Students seeking admission into this program must complete RAD099 with a grade of "C" or better. All students must successfully undergo a FBI and BCI background check upon program acceptance.

Students must have current American Heart Association BLS Provider prior to program admission. The BLS card must be valid/current through the duration of the Radiology Program.

X Student must obtain a letter grade of P (Pass) or C or better to progress to graduation/certification.