

MEDICAL OFFICE RADIOLOGY CURRICULUM GUIDE

The Medical Office Radiology Program is a subcomponent of the radiography curricula. The mission of the Jefferson Community & Technical College (JCTC) is to provide quality entry-level education in the field of radiologic technology. Using theory and performance-based instruction, the program's faculty seeks to provide an educational environment that strengthens critical thinking, problem solving, communication skills, and encourages students to continue their professional development upon completion of the certificate program.

PROGRAM GOAL

GOAL # 1:

The goal is to prepare the students for a successful entry-level position in the field of Limited Medical Radiography, with emphasis on patient care and management, radiographic procedures, image production and evaluation, equipment operation and maintenance, and radiation protection as it relates to the medical imaging department and the overall healthcare system.

GOAL # 2:

The program will develop and strengthen students' critical thinking, problem solving and communication skills.

- JCTC students will develop satisfactory to excellent critical thinking and problem solving by modifying routine (positioning and exposure) skills to accommodate a trauma patient.
- JCTC students will demonstrate excellent oral and written communication skills in the classroom.
- JCTC students will demonstrate excellent oral and written communication skills with patients and in the clinical setting.

GOAL # 3

The program will promote high ethical standards, professional growth and attributes of lifelong learning.

- JCTC certificate graduates will show evidence of high ethical standards.
- JCTC certificate graduates will demonstrate interest in continuing their professional growth and development by indicating their plan to seek a higher academic degree status.
- JCTC certificate graduates will demonstrate interest in continuing their professional growth and development by indicating they plan to seek a degree in Radiologic Technology.
- JCTC certificate graduates will demonstrate interest in continuing their professional growth and development by maintaining their credentialing status as a Limited Medical Radiographer through the Radiation Control Branch in Frankfort, KY.

LENGTH OF PROGRAM & CERTIFICATION

The Medical Office Radiology Program at JCTC is two-semester certificate program which consist of one semester of didactic (classroom/laboratory) instruction, and a semester of clinical externship experience. The didactic class is scheduled in the fall semester followed by the clinical externship in the spring semester. Upon completion of the certificate program, graduates are eligible to take the Kentucky State Certification Examination through the Radiation Health Branch. A prospective limited medical radiography student is advised that the State Examination Radiation Health Branch may not accept a student's application if he/she has been convicted of a felony or major misdemeanor.

Effective June 1, 2008, students in all Allied Health and Nursing majors must submit to and demonstrate a satisfactory criminal background check as a prerequisite for clinical externship practicum. Students who fail to submit to a background check or allow the College access to the report will be ineligible for clinical placement. Those who do not pass the background check are afforded an opportunity to explain the circumstances surrounding the situation, but if the student is ineligible for the clinical placement, he/she will be given the opportunity to withdraw from the program. Convictions involving the following crimes, but not limited to these crimes may serve to disqualify a person from participating in required clinical learning experiences:

- Any felony, whether listed below or not
- Crimes involving drugs, including but not limited to unlawful possession or distribution
- Crimes of physical violence to include any type of abuse (child, spousal, or the elderly), abduction such as kidnapping, manslaughter, murder, robbery, sexual crimes, possession of a restricted fire arm or any related weapons offenses, assault and battery
- Conviction of a misdemeanor related to abuse, neglect, or exploitation

WHAT IS A LIMITED MEDICAL RADIOGRAPHER?

A LMR (Limited Medical Radiographer) is an Allied Health Paraprofessional who uses radiation to produce medical images of internal human anatomy extremities. LMRs are usually employed in private physicians' medical offices, out-patient medical facilities, urgent care centers, and ancillary healthcare facilities where limited radiographic exposures are required for patient diagnosis to include: head and chest exposures, and extremities. The certified LMR perform radiographic exposures under the supervision of the physician, with approval through the Radiation Health Branch.

ADMISSION REQUIREMENTS

A student in the Medical Assisting Program, completion of an Allied Health & Nursing Program, or completion of the Allied Health CORE Curricula: Anatomy & Physiology, Medical Terminology, Computer Fundamentals, TEC Communication or English 101, College Algebra or Applied Physics, Humanities or Foreign Language, and Social Interaction.

REQUIRED PSYCHOMOTOR FUNCTIONS

1. **Visual acuity** is needed in patient preparation in order to properly identify correct radiographic positioning and exposure.
2. **Auditory perception** is required in order to receive verbal communication from patients and members of the health care team.

3. **Gross and fine motor coordination** is necessary in order to respond promptly in cases of emergencies, and to implement the physicians' orders regarding patient positioning and radiographic exposure techniques.
4. **Communication skills** (speech, reading, and writing) are necessary to be able to interact with individuals and communicate their needs promptly and efficiently.
5. **Intellectual and emotional function** in order to evaluate patient needs and interact with patients, peers, physicians, and all healthcare personnel.

APPLICATION PROCEDURE

Procedure I:

1. Presently enrolled in the Medical Assisting program with satisfactory completion of the spring and intersession program courses.

Procedures II:

1. Completion of an Allied Health & Nursing Program
2. Employed as a Medical Assistant in the field.

Procedure III:

1. Completion of the Allied Health CORE Curricula.
2. Make application through the Student Services department.
3. Meet the program entrance requirement through ACT or COMPASS exams.
4. Meet with an advisor regarding entrance criteria and review of Transcript/GED.
5. Attend a Pre-Admissions Conference in order to be accepted into the program.

POST ADMISSION REQUIREMENTS

Students will be notified of **CPR, immunizations, criminal background check, drug screening, student liability insurance and Institutional Fees** requirements when accepted into the program. (Note: CPR certification and TB skin test must be up-to-date). All requirements outlined must be met in order to remain enrolled in the Medical Office Radiology program. Documentation is required. Failure to comply with these requirements will result in dismissal from the program.

ACCREDITATIONS

The Jefferson Community and Technical College is accredited by the Southern Association of Colleges and Schools (SACS). The Medical Assisting Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), and the Radiologic Technology Program is accredited by the Joint Review Committee on Accreditation of Radiologic Technology.

TUITION & FEES

The tuition for this program is the prevailing JCTC tuition for each semester (see current class schedule). Tuition is payable at the beginning of each term. A full-time student is enrolled for a minimum of 12 credit hours.

Financial Aid is available in the form of scholarships and loans through the Student Financial Aid Office. Residents from Southern Indiana may qualify for Metroversity in-state tuition rates. Some program fees are approximates and could vary in actual cost:

Books and Supplies	\$310.00 (3 texts)
Lab Coat	\$30.00
Uniforms	\$35.00 estimate (each)
White Shoes	\$50.00
Liability Insurance	\$20.00
Background Check	\$43.00

Drug Screening\$37.00
Vaccinations\$200.00 Hepatitis B (optional w/ waiver)

FINANCIAL INFORMATION

The fee schedule may be found in the Community College catalog or accessed on-line at www.jefferson.kctcs.edu. In addition to the tuition, Medical Office Radiology students are responsible for transportation to the various health care agencies, purchase of liability insurance, books, lab coats, and uniforms required for program completion. Any student seeking financial aid should contact the Financial Aid Officer at the Jefferson Education Center at 2nd and Broadway.

CONTACT INFORMATION

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Effective fall, 2008, GE100 will be mandatory for all new students seeking diplomas and associate degrees. The purpose of this mandate is to demonstrate the college's commitment to equipping students for a successful college experience. A new student, or for the purpose of this policy, is any student who is enrolled in his/her first semester of college courses and is seeking a diploma or associate degree. College transfer students are exempt from GE 100.

MEDICAL OFFICE RADIOLOGY CURRICULA

COURSES REQUIRED FOR CERTIFICATE IN MEDICAL OFFICE RADIOLOGY (MOR)	Cr. Hrs.	Cr. Hrs Subtotal	Cr. Hr Total
PREREQUISITE GENERAL EDUCATION COURSES			
AHS 109 Introduction to Body Structure & Functions	4		
AHS 115 Medical Terminology	3		
TEC Communication OR English 101	3		
Computer Literacy	3		
ALLIED HEALTH CORE COURSES SUBTOTAL		13	
Transfer Credits:			
Medical Assisting Student Curricula Credit:			
MOR 100 Medical Office Limited Radiography	8		
MOR 115 Medical Office Limited Radiography Lab	5		
TECHNICAL COURSES SUBTOTAL		13	
Medical Office Radiology Certificate Total			13-26