

**MEMORANDUM OF AGREEMENT  
FOR TRANSFER**

**FOR THE  
KENTUCKY COMMUNITY AND TECHNICAL COLLEGE SYSTEM  
ASSOCIATE IN APPLIED SCIENCE DEGREE IN RADIOGRAPHY  
AND  
MOREHEAD STATE UNIVERSITY  
BACHELOR OF SCIENCE IN IMAGING SCIENCE**

**I. PURPOSE**

There is a need for a well-educated populace in Kentucky in the area of imaging sciences that will be addressed through a cooperative transfer agreement between Kentucky Community and Technical College System (KCTCS) and Morehead State University (MSU).

The Kentucky Postsecondary Education Improvement Act of 1997 mandates a seamless system of postsecondary education that can only be achieved by promoting ease of transfer for learners between Kentucky institutions.

In order to promote the transfer of credits between KCTCS and MSU and thereby increase educational opportunities for students in the service area, MSU and KCTCS establish this transfer agreement for the KCTCS Associate in Applied Science in Radiography to the Bachelor of Science Degree in Imaging Sciences offered by the College of Science and Technology at Morehead State University.

This transfer agreement stipulates the conditions for the transfer of credit between KCTCS and MSU for the KCTCS Associate in Applied Science in Radiography to the MSU Bachelor of Science Degree in Imaging Sciences which will allow students to transfer a block of courses to Morehead State University to meet requirements for application to the Bachelor of Science in Imaging Sciences Program.

**II. ACCREDITATION AND LICENSURE STATUS**

Morehead State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate, baccalaureate, master, and doctorate in Education degrees. Each of the sixteen KCTCS colleges is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award certificates, diplomas and associate degrees.

Morehead State University and KCTCS will observe the Southern Association of Colleges and Schools and the Kentucky Council on Postsecondary Education

guidelines and procedures. Both institutions will observe their respective accrediting agencies and will adhere to the requirements of reporting information to these and other accrediting agencies.

### **III. ELEMENTS OF THE AGREEMENT**

#### **A. Admissions Practices**

KCTCS students must apply to and be accepted into MSU, meeting MSU's requirements for admission.

Admission to the Bachelor of Science for Imaging Science Program is a competitive admissions process. Applicants must meet all the requirements for consideration of admission to the Bachelor of Science for Imaging Science Program at MSU. The number of clinical positions available limits enrollment in the program. Admission to the MSU Bachelor of Science for Imaging Science Program requires:

1. Candidates for the Bachelor of Science in Imaging Science - Advanced Imaging options to be ranked according to grade point average in the general education courses, support courses, and the Radiography courses;
2. Application for admission to the Bachelor of Science in Imaging Sciences Program at MSU by submitting a complete application packet by the required deadline;
3. Submission of formal documentation of completion (official transcripts) of the KCTCS AAS in Radiography;
4. Completion of the requirements for full general education certification at KCTCS, prior to admission to the MSU Bachelor of Science for Imaging Science Program;
5. Copy of current American Registry Radiologic Technologist registration card for radiography prior to the fall semester.

#### **B. Acceptance and Application of Credits**

This Agreement identifies the terms and conditions for the transfer of academic credit between KCTCS and Morehead for the academic programs specified in this Agreement and any addenda and/or attachments to this Agreement.

Upon completion of the AAS in Radiography program at KCTCS and admission to the BS in Imaging Sciences Program at MSU, MSU will transfer the radiography coursework and additional general education course work required for full general education certification at KCTCS as a block to the MSU BS in Imaging Science Program.

Completion of elective courses that differ from the elective courses specified or recommended in this Agreement and any addenda and/or attachments to this

Agreement could result in a correspondingly heavier course load for completion of the academic programs referenced herein.

The specific conditions for the transfer of the KCTCS AAS in Radiography to the MSU BSIS are identified in the attached course articulation matrix.

**General Transfer Agreement**  
**Associate in Applied Science in Radiography to**  
**Bachelor of Science in Imaging Sciences**  
**Morehead State University/Kentucky Community and Technical College System**

Associate in Applied Science & Full General Education Certification	MSU Pre-Radiologic Sciences Program Equivalents
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**General Education in AAS**

<b>Writing/Accessing Information</b>		
ENG 101	3	ENG 100
<b>Oral Communication</b>		
COM 252 or COM 181	3	COMM 108
<b>Humanities</b>		
One course in Humanities/Heritage/Foreign Language	3	General Education
<b>Social Interaction</b>		
PSY 110	3	PSY 154
<b>Science</b>		
BIO 137	4	BIOL 234 or BIOL 244
BIO 139	4	BIOL 235 or BIOL 245
<b>Mathematics</b>		
MAT 150	3	MATH 152
<b>TOTAL</b>	<b>23</b>	

**Additional General Education Requirements to Complete Full Certification at KCTCS**

<b>Writing/Accessing Information</b>		
ENG 102	3	ENG 200
<b>Humanities</b>		
One course in Humanities and one course in Heritage	6	General Education
Humanities or Social Interaction	3	General Education
<b>Social Interaction</b>		
PSY 223	3	General Education
One course other than Psychology and different from those in the Humanities category	3	General Education
<b>Computer Literacy</b>		
CIS 100 or CS 101 or CIT 105 or CPU 150	3	CIS 101
<b>TOTAL</b>	<b>21</b>	

**Technical Courses**

<b>Radiography</b>		
IMG 100	7	
IMG 101	4	
IMG 110	7	
IMG 111	4	
IMG 201	3	
IMG 210	4	
IMG 211	6	
IMG 220	4	
IMG 221	6	
<b>Medical Terminology</b>		
AHS 115 or CLA 131	3	IMS 202
<b>TOTAL</b>	<b>48</b>	

Completion of the Radiography courses will transfer as a block credit in MSU's Radiography Program

**OR**

<b>Radiography</b>		
IMG 104	2	
IMG 106	2	
IMG 108	4	
IMG 109	1	
IMG 114	2	
IMG 116	2	
IMG 118	4	

IMG 119	3	
IMG 209	3	
IMG 214	2	
IMG 216	1	
IMG 219	6	
IMG 224	2	
IMG 226	1	
IMG 228	2	
IMG 229	6	
Medical Terminology		
AHS 115 or CLA 131	3	IMS 202
<b>TOTAL</b>	<b>46</b>	
Completion of the Radiography courses will transfer as a block credit in MSU's Radiography Program		

Summary of KCTCS Courses Leading to B.S. Degree

KCTCS General Education – Radiography program	23	
KCTCS General Education – Full Certification	21	
<b>KCTCS Technical (Radiography/Medical Terminology) Courses</b>	<b>46-48</b>	
<b>KCTCS Hours</b>	<b>90- 92</b>	

Morehead State University/KCTCS

Bachelor of Science in Imaging Sciences: Advanced Imaging Options – Upper Division Curriculum

This program is for registered radiographers who are graduates of an accredited Radiologic Technology Program to pursue a Bachelor of Science in Imaging Sciences. The post-registry student will be able to transfer as a block credit received from a JRCERT (Joint Review Committee on Education in Radiologic Technology) accredited program. Students must meet the admission requirements for entrance into the program and all application materials must be submitted by the required deadline to the Department of Imaging Sciences at Morehead State University.

Morehead State University Courses	HRS	Grade	Semester
<b>Computed Tomography / Magnetic Resonance Curriculum Sequence</b>			
<b>Summer II</b>			
CTMR 405: CT/MR Sectional Anatomy	4		
CTMR 413: Advanced Patient Care	2		
<b>Fall Semester</b> (Students must pass the ARRT examination in Radiography to progress into Fall semester.)			
CTMR 403: Computed Tomographic Physics & Instrumentation	3		
CTMR 443: Imaging Procedures in CT	4		
CTMR 467: Computed Tomography Practicum I	5		
CTMR 483: Seminar in CT	2		
<b>Spring Semester</b>			
CTMR 451: MR Physical Principles of Image Formation	4		
CTMR 455: Imaging Procedures in Magnetic Resonance	3		
CTMR 461: Magnetic Resonance Practicum I	5		
CTMR 499C: Seminar in Magnetic Resonance	3		
<b>Summer I</b>			
CTMR 477: Advanced Practicum I	4		
<b>Summer II</b>			
CTMR 485: Advanced Practicum II	4		
Total Computed Tomography Hours	43		
Total MSU Hours	43		
<b>Diagnostic Medical Sonography Curriculum Sequence</b>			
<b>Summer II</b>			
DMS 400: Introduction to Sonography	1		
DMS 402A: Scanning Techniques I	1		
DMS 408: Sonographic Sectional Anatomy	2		
<b>Fall Semester</b> (Students must pass the ARRT examination in Radiography to progress into Fall semester)			
DMS 410: Abdominal Sonography	2		
DMS 412A: Scanning Techniques II	1		
DMS 416A: Scanning Techniques III	1		
DMS 418: Genitourinary Sonography	2		
DMS 420: Sonographic Physics and Instrumentation I	2		
RSCI 430: Sonography Internship I	6		
<b>Spring Semester</b>			
DMS 426A: Scanning Techniques IV	1		
DMS 428: Obstetrical Sonography	2		
DMS 438: Selected Topics in Sonography	2		
DMS 441: Sonographic Physics and Instrumentation II	2		
DMS 442A: Scanning Techniques V	1		
DMS 450: Sonography Internship II	6		
<b>Summer I</b>			
DMS 470: Sonography Internship III	4		
<b>Summer II</b>			
DMS 499C: Seminar in Sonography	3		
DMS 490: Sonography Internship IV	3		
Total Sonography Hours	42		
Total MSU Hours	42		
Total Hours for Imaging Sciences Program			
KCTCS AAS degree and Additional Specified Courses	90-92 hours		
MSU Computed Tomography/Magnetic Resonance & Diagnostic Medical Sonography Curriculum	42-43 hours		

Total Hours	132-135 hours		
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### **A. Tuition and Financial Aid/Scholarship**

MSU accepts Federal and State Financial Aid. Tuition and financial aid information for MSU can be found on MSU's web site.

MSU offers two transfer scholarships for which KCTCS may be eligible, KCTCS Transfer Scholarship or the Transfer Scholarship. Information on the transfer scholarships and other available scholarships is available on MSU's web site at: [www.moreheadstate.edu/scholarships](http://www.moreheadstate.edu/scholarships).

### **B. Responsibilities of KCTCS**

1. KCTCS agrees to observe regional accreditation standards, rules and guidelines and to comply with reporting requirements of the Southern Association of Colleges and Schools Commission on Colleges and the Kentucky Council on Postsecondary Education throughout the duration of this Agreement.
2. KCTCS agrees to designate an individual to serve as liaison for the purpose of monitoring this Agreement and any addenda and/or attachments to this Agreement, building the relationship, and answering the questions of KCTCS students, faculty and staff.
3. KCTCS will provide MSU with access to the KCTCS Catalog and updated courses information upon request.
4. In the event that MSU determines that it will no longer offer the Bachelor of Science in Imaging Sciences, MSU will provide one-year written notice of the termination of the degree program. Students enrolled in the program, either at a KCTCS college or MSU, will be given a reasonable amount of time to complete degree requirements.

### **C. Responsibilities of Morehead**

5. Morehead agrees to observe regional accreditation standards, rules and guidelines and to comply with reporting requirements of the Southern Association of Colleges and Schools Commission on Colleges and the Kentucky Council on Postsecondary Education throughout the duration of this Agreement.
6. Morehead agrees to designate an individual to serve as liaison for the purpose of monitoring this agreement, building the relationship, and answering the questions of KCTCS students, faculty and staff.

7. MSU will employ a qualified faculty member in Imaging Sciences who will work with KCTCS advisors and serve as the MSU academic advisor to students enrolled in the program.

#### **D. Joint Responsibilities**

8. KCTCS and MSU agree to monitor and support the provisions of this agreement to ensure consistency, program quality and transferability for the mutual benefit of the students enrolled at both institutions.
9. KCTCS and MSU agree to advise each other changes in curriculum, course content, or other program requirements listed in the transfer agreement in order for each of their respective programs to ensure continued compatibility. Each institution will designate an individual to be the point of contact.
10. KCTCS and MSU agree to renegotiate this agreement as necessary due to changes in course requirements or graduation requirements at either institution.
11. KCTCS and MSU agree that advising and promoting transfer opportunities to students is an integral part of facilitating students' transfer access and success. In order to assist students in planning to complete associate and bachelor degrees, and in preparing for successful transition, KCTCS and MSU agree that appropriate program administrators may periodically communicate with KCTCS students for the purpose of preliminary advising, announcing program notifications and upcoming deadlines, etc. KCTCS agrees to facilitate this communication and reserves the right to evaluate the same for appropriateness for its students.
12. KCTCS and MSU agree to develop and/or implement information resources, promotions, and/or other programs to enhance the awareness of students, faculty and staff regarding this Agreement and/or any addenda or attachments to this Agreement, and to aid in the identification of qualified students.
13. KCTCS and MSU will work together to design and place promotional materials, news releases, and informational brochures.

#### **E. Implementation of the Agreement**

This agreement will be considered in force when signed by both parties.

#### **F. Annual Evaluation**

This Agreement will be reviewed by both institutions annually.



Should the requirements to complete the associate and bachelor degrees as outlined in this Agreement and/or any addenda or attachments to this Agreement change, these changes will be communicated between KCTCS and MSU, and the terms and conditions of this Agreement and/or appropriate addenda or attachments to this Agreement will be reviewed.

**G. Term and Modification**

KCTCS and MSU may terminate this agreement by providing the other institution with written notice of their intention. Such notice will be given one year in advance of actual termination.

In the event that MSU determines that it will no longer offer the Bachelor of Science in Imaging Sciences, MSU will provide one-year written notice of the termination of the degree program. Students enrolled in the program, either at a KCTCS college or MSU, will be given a reasonable amount of time to complete degree requirements.

**III. SIGNATURES**

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**Dr. Wayne D. Andrews** **Date**  
**President**  
**Morehead State University**

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**Dr. Jay K. Box** **Date**  
**Chancellor**  
**Kentucky Community and Technical College System**