

Transfer Agreement

**Murray State University
Bachelor of Science
Telecommunications Systems Management**

and

**Kentucky Community and Technical College System
Associate in Applied Science
Information Technology**

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

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, Murray State University and KCTCS establish this transfer agreement between the Associate in Applied Science in Information Technology offered by KCTCS and the Bachelor of Science Degree in Telecommunications Systems Management offered by Murray State University.

This transfer agreement allows students to transfer the entire AAS program in Information Technology and be accepted toward the degree requirements of the Bachelor of Science in Telecommunications System Management as outlined in this agreement. More particularly, the components of the KCTCS information technology curriculum will be accepted as a block in the telecommunications program. That is, the AAS Information Technology technical core will be credited in total toward the telecommunications technical core and the Information Technology program option selected by the student will be credited in total toward the MSU telecommunications option. Students who transfer without completing the entire AAS Information Technology curriculum will have coursework accepted in accordance with the CPE General Education Transfer Policy.

KCTCS students who transfer under the provisions of this agreement will need to complete the upper division courses and one option at MSU as specified in the agreement in order to meet the requirements for the Bachelor of Science in Telecommunications Systems Management.

KCTCS and Murray State University agree to monitor and support the provisions of this agreement to ensure consistency and program quality and transferability for the mutual benefit of the students enrolled at both institutions.

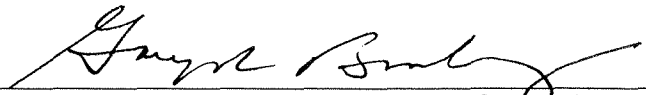
KCTCS and Murray State University agree to coordinate changes in course content or requirements for any course listed in the transfer agreement in order to ensure continued compatibility between the courses offered by the departments at each institution.

KCTCS and Murray State University agree to renegotiate this agreement as necessary due to changes in course content or graduation requirements at either institution.

Both institutions will observe SACS and CPE guidelines and rules and will adhere to the requirements of reporting information for the completion of CPE reports related to transfer.

In the event that Murray State University determines that it will no longer offer the Bachelor of Science Degree in Telecommunications Systems Management, 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.

Approval Signatures

MSU Approval:  9-18-02
Dr. Gary Brockway, V.P. of Academic Affairs and Provost date

KCTCS Approval:  9/24/02
Dr. Keith Bird, Chancellor date

Transfer Agreement

Murray State University
Bachelor of Science
Telecommunications Systems Management
and
Kentucky Community and Technical College System
Associate in Applied Science
Information Technology

Murray State University	KCTCS
General Education – Communications and Basic Skills	
ENG 101 – English Composition I (3)	ENG 101 – Writing I (3)
ENG 102 – English Composition II (3)	ENG 102 – Writing II (3)
COM 161 – Basic Public Speaking (3) or COM 181 Introduction to Interpersonal Communication	COM 181 – Basic Public Speaking or COM 252 – Intro. Interpersonal Communication (3) (this class is COM 181 at MSU)

General Education – Science and Mathematics	
MAT 150 – Algebra and Trigonometry (5)	MA 109 or MT 109 (3) College Algebra and MA 112 (2) Trigonometry
PHY 120 – Introduction to Physics (4)	PHY 211 – General Physics OR [PHY 152 – Introduction to Physics (3) and PH 162 – Introductory Physics Laboratory II (1); or PH 171 – Applied Physics (4) (152/162 or 171 are equivalent for TSM program only)
MAT 135 – Probability and Statistics (4)	KYVU COURSE (STA 200 or 291)

General Education – Humanities and Fine Arts	
HUM 211 – Western Humanities Tradition: Continuity (3)	Heritage/Humanities course (3)
HUM 212 – Humanities in the Modern World: Diversity (3)	Heritage/Humanities course (3)
Humanities/Fine Arts elective	Humanities elective (3)
CIV 101 – World Civilizations and Cultures I (3)	Social Interaction course (3)
CIV 102 – World Civilizations and Cultures II (3)	Social Interaction course (3)
ECO 231 – Principles of Microeconomics (3)	ECO 201 – Principles of Economics I

Other General Education	
CSC 199 – Intro. n to Information Technology (3)	CIS 130 – Microcomputer Applications (3) or ET 107–Computer Applications for Technicians (4)
University Studies electives (6)	General Education – choose two courses from any general education category

Technical Core

KCTCS IT Technical Core accepted in total to meet MSU Telecommunications Technical Core. Individual courses listed below for reference. These courses are not articulated course to course, however, are accepted as a block of course into the program.

TSM 099 – Freshman Orientation (1)	CIS 120 – Program Design and Development (3)
TSM 118 – Electrical Systems (3)	ET 232 – Software Maintenance (3) or
TSM 120 – Introduction to Telecommunications (3)	CIS 110 – Operating Systems Concepts (3)
TSM 132 Network Technical Support (3)	ET 234 – Hardware Maintenance (3)
TSM 218 – Electrical Systems II (3)	NIS 160 – Networking Core Technologies (3) or
TSM 232 – Network Operating Systems (3)	IT 120 – Cisco Internetworking I (3) or
TSM 241 -- Voice & Data Networking (3)	IT 124 – Nortel Internetworking Fundamentals
CSC 135–Programming for Business & Industry (4)	IT 170 - Introduction to Database Design (3)
	IT 132 Introduction to HTML (3)
	Beginning Level Programming Language (3)

Additional Courses

ACC 200 – Principles of Accounting I (3)	ACC 201 – Financial Accounting I (3)
ACC 201 – Principles of Accounting II (3)	ACC 202 – Managerial Uses of Accounting Information (3)

Courses Taken from MSU

CIS 304 – Systems Analysis and Design (3)
CIS 307 – Database Design and Implementation (3)
ECO 335 – Telecommunications Economics & Public Policy (3)
FIN 330 – Principles of Finance (3)
MGT 350 – Fundamentals of Management (3)
MKT 360 – Principles of Marketing (3)
TSM 380 – Professional Internship (3)
TSM 343 – Protocol Analysis (3)
TSM 443 – Telephony (3)
TSM 450 – Telecommunications Policy and Strategy (3)

Program Options

One of the following 12 hour options from the MSU TSM program is required for BS degree completion:	Any one of the following KCTCS program options meets the requirements for one of the two options in the MSU program:
<ul style="list-style-type: none"> • Business Technology and E-Business Applications • Network Security 	<ul style="list-style-type: none"> • Network Administration • Electronic Commerce • Database Administration • Computer programming • Information Support Systems • Web Development and Administration

Date: September 18, 2002