# Other Training Options

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In addition to full-time programs, KCTCS colleges provide short-term training courses to meet specific labor force needs and demands. Contact the local college for a list of short-term training programs and schedules.

# **Educational Opportunities in Correctional Institutions**

KCTCS provides educational opportunities at 13 adult correctional facilities across Kentucky. Services are managed by Bluegrass Community and Technical College, Jefferson Community and Technical College and Maysville Community and Technical College. Each college offers occupational-technical programs where certificates, diplomas and/or associate degrees can be earned. All occupational-technical programs prepare students for high skill, high wage or high demand occupations so that an ex-offender can become an educated, skilled citizen and a member of the Commonwealth's workforce.

# **General Education Requirements**

Competencies will be met at the level appropriate to the credential.

A general education core curriculum will enable KCTCS colleges to graduate men and women who are intellectually flexible, articulate, reflective, creative, and prepared for continuous learning. For all students, this implies some understanding of the value of higher education and the world of work and career fields related to their own abilities, interests, and needs. The general education core competencies will enable students to develop their own values, pursue goals, and contribute to the political, moral, social, and cultural enrichment of society.

#### General Education Competencies:

- I. Communicate Effectively
  - Read and listen with comprehension.
  - 2. Speak and write clearly using standard English.
  - Interact cooperatively with others using both verbal and nonverbal means.
  - 4. Demonstrate information processing through basic computer skills.
- II. Think Critically
  - Make connections in learning across the disciplines and draw logical conclusions.
  - Demonstrate problem solving through interpreting, analyzing, summarizing, and/or integrating a variety of materials.
  - 3. Use mathematics to organize, analyze, and synthesize data to solve a problem.
- III. Learn Independently
  - Use appropriate search strategies and resources to find, evaluate, and use information.
  - Make choices based upon awareness of ethics and differing perspectives/ideas.
  - 3. Apply learning in academic, personal, and public situations.
  - 4. Think creatively to develop new ideas, processes, or products.
- IV. Examine Relationships in Diverse and Complex Environments
  - Recognize the relationship of the individual to human heritage and culture.
  - 2. Demonstrate an awareness of the relationship of the individual to the biological and physical environment.
  - 3. Develop an awareness of self as an individual member of a multicultural global community.

### Writing/Accessing Information

Any Writing course approved for the AAS, AA, or AS	
AAS, AA, AS	
ENG 101 Writing I	. 3
ENG 102 Writing II	. 3
ENG 105 Writing: An Accelerated Course	3

OST 108 Editing Skills for Office Professionals

TEC 200 Technical Communications

#### **Oral Communication**

Diploma

Diploma, AAS, AA, AS	
COM 181 Basic Public Speaking	. 3
COM 252 Intro to Interpersonal Communications	
COM 281 Communication in Small Group	. 3
COM 287 Persuasive Speaking	3

#### Computer Literacy

	compace r		
	Diploma	IT 100 Computer Literacy	. 3
	•	CIT 105 Introduction to Computing	. 3
		Any Computer Literacy course approved for the AAS, AA, or AS	
	AAS	IT 100 Computer Literacy	. 3
		CIS 100 Introduction to Computers	
		OST 105 Introduction to Information Systems	
		CIT 105 Introduction to Computing	. 3
		Any Computer Literacy course approved for the AA or AS	
	AA, AS	CIS 100 Introduction to Computers	3
	•	OST 105 Introduction to Information Systems	
		CIT 105 Introduction to Computing	

KCTCS has adopted current IC3 objectives to define computer literacy. The course description or descriptions, competencies, and outline of computer literacy courses must include IC3 objectives as outlined at http://unity.kctcs.edu/docushare/dsweb/View/Collection-8666

All AA, AS, AAS, and diploma students entering KCTCS must demonstrate computer literacy by:

- 1. Scoring a passing score on the IC3 Computer Exam\*, or
- Providing documentation of successful completion of certification exams as approved by KCTCS, or
- 3. Articulating credit from another institution, or
- 4. Receiving credit for an approved KCTCS computer literacy course.

Note: Students may receive three credit hours for CIS 100 by successful completion of the IC3 Computer Exam\* and one of the following: the IC3 Database Exam\*, a one credit hour database course, or the MOS Access exam.

Students may choose to take the IC3 Computer Exam\* to demonstrate computer competency. Students who score a passing score on the exam will have met the requirements of computer literacy and documentation will be placed on the student's transcript.

\*Full implementation fall 2007

#### **Mathematics**

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Diploma	MT 120 Intermediate Algebra with Applications
-	MT 122 Intermediate Algebra: A Functional Approach
	OST 213 Business Calculations for the Office Professional
	Any Mathematics course approved for the AAS, AA, or AS
AAS	MT 105 Business Mathematics
	MT 110 Applied Mathematics
	MT 115 Technical Mathematics
	MT 125 Technical Algebra and Trigonometry
	Any higher level mathematics course
AA	MT 145 Contemporary College Mathematics
	Any higher level mathematics course
AS	MT 150 College Algebra and Functions
	MT 155 Trigonometry3
	STA 200 Statistics: A Force in Human Judgment
	STA 291 Statistical Method
	ST 290 Statistics: A Force Human Judgment
	ST 291 Statistical Method3
	MA 112 Trigonometry2
	MA 113 Calculus I4
	MA 114 Calculus II4
	MA 123 Elementary Calculus and Its Applications
	MA 162 Finite Mathematics and Its Applications
	MA 201 Mathematics for Elementary Teachers
	MA 202 Mathematical Problem Solving for Elementary Teachers 3

	MA 109 College Algebra3	GLY 110 Endangered Planet: An Introduction
	MA 110 Analytical Geometry and Trigonometry4	to Environmental Geology3
	NA 110 Allalytical Geometry and Higonometry	GLY 111 Laboratory for Physical Geology1
	MA 213 Calculus III	GLY 112 Laboratory for Historical Geology1
	MA 214 Calculus IV	GLY 130 Discours and Disasters:
	MA 241 Geometry for Middle School Teachers	GLY 130 Dinosaurs and Disasters:
	MT 160 Precalculus5	A Brief History of the Vertebrates
	MT 165 Finite Mathematics and its Applications 3	GLY 220 Principles of Physical Geology4
	MT 170 Brief Calculus with Applications	PGY 206 Elementary Physiology3
	MT 175 Calculus I	PH 161 Introductory Physics Laboratory I 1
	MT 185 Calculus II5	PH 162 Introductory Physics Laboratory II
	MT 275 Calculus III	PH 171 Applied Physics4
	ACT 205 Differential Equations 3	PH 172 Physics for Health Science
	MT 285 Differential Equations	PH 217 Intermediate Applied Physics
Science		PHY 151 Introduction to Physics
Diploma	PHX 150 Introductory Physics	PHY 152 Introduction to Physics
1	Any Science course approved for the AAS, AA, or AS	PHY 160 Physics and Astronomy for Elementary Teachers 3
AAS, AA, A		PHY 171 Applied Physics4
12. 20, 1 , 1	ANA 209 Principles of Human Anatomy 3	PHY 201 General Physics4
	AST 101 Frontiers of Astronomy	PHY 203 General Physics4
	AST 191 The Solar System and	PHY 211 General Physics5
	ACT 100 Ct. Colonics and the Universe	PHY 213 General Physics5
	AST 192 Stars, Galaxies, and the Universe	PHY 231 General University Physics4
	ASY 195 Introductory Astronomy Laboratory	PHY 232 General University Physics
	BIO 112 Introduction to Biology	PHY 241 General University Physics Laboratory
	BIO 113 Introduction to Biology Lab1	PATE 241 General University Physics Laboratory
	BIO 114 Biology I	PHY 242 General University Physics Laboratory
	BIO 115 Biology Laboratory I	SCI 100 Environmental Science:
	BIO 116 Biology II	An Inquiry-Based Interdisciplinary Approach4
	BIO 117 Biology Laboratory II	SCI 295 Scientific Investigations3
	BIO 118 Microbes and Society	
	BIO 120 Human Ecology	Social Interaction
	BIO 120 Human Ecology	Diploma EFM 100 Personal Financial Management
	BIO 121 Introduction to Ecology Laboratory1	WPP 200 Workplace Principles
	BIO 122 Introduction to Conservation Biology	A Ci-1 Interpretion course approved for the AAS AA or AS
	BIO 124 Principles of Ecology	Any Social Interaction course approved for the AAS, AA, or AS
	BIO 130 Aspects of Human Biology	AAS, AA, AS
	BIO 135 Basic Anatomy and Physiology with Laboratory4	ANT 101 Introduction to Anthropology
	BIO 137 Human Anatomy and Physiology I4	ANT 121 Introduction to Cultural Anthropology
	BIO 139 Human Anatomy and Physiology II4	ANT 130 Introduction to Comparative Religion 1, 2 3
	BIO 140 Botany	ANT 160 Cultural Diversity in the Modern World
	DIO 141 Peterm with Laboratory 4	ANT 220 Introduction to Cultural Anthropology 3
	BIO 141 Botany with Laboratory4	ANT 221 Native People of North America3
	BIO 142 Zoology	ANT 235 Food and Culture
	BIO 143 Zoology with Laboratory4	ANT 241 Origins of Old World Civilizations
	BIO 144 Insect Biology3	ANT 241 Origins of Old World Civilizations.
	BIO 150 Principles of Biology I	ANT 242 Origins of New World Civilizations
	BIO 151 Principles of Biology Laboratory I	COM 101 Introduction to Communications
	BIO 152 Principles of Biology II	COM 249 Mass Media and Mass Culture
	BIO 153 Principles of Biology Laboratory II	COM 254 Intro to Intercultural Communications
	BIO 204 The Genetic Perspective	ECO 101 Contemporary Economic Issues
	BIO 225 Medical Microbiology4	ECO 201 Principles of Microeconomics
	BIO 226 Principles of Microbiology	ECO 202 Principles of Macroeconomics
	BIO 226 Frinciples of Wilcrobiology	FAM 252 Introduction to Family Science
	BIO 227 Principles of Microbiology with Laboratory5	FAM 253 Human Sexuality: Development, Behavior,
	BSL 214 Medical Microbiology4	and Attitudes
	BSL 244 Principles of Environmental Science	FLK 280 Cultural Diversity in the US
	BSL 246 Urban Ecology 3	
	BSL 247 Communicable Diseases and Epidemiology3	GE 140 Development of Leadership
	CHE 120 The Joy of Chemistry 3	GEO 152 Regional Geography of the World
	CHE 125 The Joy of Chemistry Laboratory1	GEO 160 Lands and Peoples of the Non-Western World 3
	CHE 130 Introductory General and Biological Chemistry4	GEO 172 Human Geography3
	CHE 140 Introductory General Chemistry	GEO 210 Pollution, Hazards and Environmental Management 3
	CHE 145 Introductory General Chemistry Laboratory	GEO 222 Cities of the Worlds
		GEO 240 Geography and Gender3
	CHE 150 Introduction to Organic and Biological Chemistry3	GEO 256 Behavior in Space and Time
	CHE 155 Intro. to Organic and Biological Chemistry Laboratory 1	GEN 101 The Economics of Food and Agriculture
	CHE 170 General College Chemistry I	LITTLE 137 Level and a Martine American Literature?
	CHE 175 General College Chemistry Laboratory I	HUM 135 Introduction to Native American Literature2
	CHE 180 General College Chemistry II	HUM 202 Survey of Appalachian Studies 12
	CHE 185 General College Chemistry Laboratory II	HUM 203 Survey of Appalachian Studies II2
	CHE 220 Analytical Chemistry	HUM 204 Appalachian Seminar2 3
	CHE 270 Organic Chemistry I	HUM 221 Contemporary Perspectives on Peace and War 3
	CHE 275 Organic Chemistry Laboratory I	PS 101 American Government
	CHE 200 Organia Chemistry II	1 . D D D D T . 1337 . 2
	CHE 280 Organic Chemistry II	
	CHE 285 Organic Chemistry Laboratory II	
	EST 150 Introductory Ecology4	
	EST 160 Hydrological Geology3	
	GEO 130 Earth's Physical Environment	PS 2/1 Introduction to Political Benavior
	GEO 251 Weather and Climate	PSY 100 Introduction to Psychology4
	GLY 101 Physical Geology3	
	CIV 102 Historial Coologs	

PY 180 Human Relations	ENG 282 International Film Studies
PY 185 Human Potential3	FLK 276 Introduction to Folk Studies
PY 230 Psychosocial Aspects of Death and Dying	GE 170 Art Appreciation
PY 297 Psychology of Aging3	HON 101 The Ancient World
RAE 120 Introduction to Chinese Culture	HON 102 The Medieval and Renaissance World 3
RS 130 Introduction to Comparative Religion 1, 2 3	HON 201 The Early and Modern World
SOC 101 Introduction to Sociology3	HON 202 The Contemporary World
SOC 151 Social Interaction3	HRS 101 An Integrated Study of Western Civilization I
SOC 152 Modern Social Problems	HRS 102 An Integrated Study of Western Civilization II
SOC 220 The Community3	HRS 201 An Integrated Study of Western Civilization III
SOC 235 Inequality in Society	HRS 202 An Integrated Study of Western Civilization IV
SOC 249 Mass Media and Mass Culture	HUM 120 Introduction to the Humanities
SOC 260 Population, Resources and Change	HUM 121 Peace Studies
SPA 115 Culture of Mexico for Non-Spanish Speakers	HUM 135 Introduction to Native American Literature
SWK 275 The Family3	HUM 150 Introduction to African Literature
WS 200 Introduction to Women's Studies to the Social Sciences 3	HUM 202 Survey of Appalachian Studies I2
	HUM 203 Survey of Appalachian Studies II2
1. A student may not receive credit for both ANT 130 and RS 130.	HUM 204 Appalachian Seminar2
<ol><li>May be used to fulfill either Social Interaction or Humanities competency, but may not</li></ol>	HUM 210 Ancient Art History
be used to fulfill both general education categories.	HUM 212 Renaissance Art History
Unritara	HUM 213 Modern Art History
Heritage	HUM 220 Historical Perspectives on Peace and War
Diploma, AAS, AA, AS	HUM 230 Twentieth Century
FLK 276 Introduction to Folk Studies	Japanese Literature and Culture (in translation)
HIS 101 World Civilization I	
HIS 102 World Civilization II	HUM 250 Appalachian Literature Survey
HIS 104 A History of Europe Through	HUM 251 Contemporary Appalachian Literature
the Mid-Seventeenth Century3	
HIS 105 A History of Europe from	MUS 100 Introduction to Music
the Mid-Seventeenth Century to the Present3	MUS 104 Introduction to Jazz History
HIS 106 Western Culture: Science and Technology I 3	MUS 206 American Music
HIS 107 Western Culture: Science and Technology II 3	MUS 207 African American Music
HIS 108 History of the U.S. Through 1865 3	MUS 208 World Music
HIS 109 History of the U.S. Since 1865	MUS 220 Symphonic Music
HIS 120 The World at War 1939-45 3	MUS 222 History and Sociology of Rock Music
HIS 202 History of British People to the Restoration 3	PHI 100 Introduction to Philosophy: Knowledge and Reality 3
HIS 203 History of British People Since the Restoration 3	PHI 120 Introductory Logic
HIS 206 History of Colonial Latin America	PHI 130 Introduction to Philosophy: Morality and Society 3
HIS 207 History of Modern Latin America, 1810 to present 3	PHI 140 The Ethics of War and Peace
HIS 240 History of Kentucky3	PHI 260 History of Philosophy I: From Greek Beginnings to the
HIS 247 History of Islam and Middle East Peoples,	Middle Ages 3
500-1250 A.Ď3	PHI 270 History of Philosophy II: From the Renaissance
HIS 248 History of Islam and Middle East Peoples,	to the Present Era 3
1250 to Present3	PHL 110 Bioethics: Moral Issues in Health Care
HIS 254 History of Sub-Saharan Africa	PHL 120 Business Ethics
HIS 260 Afro-American History to 1865	RS 101 Introduction to Religious Studies
HIS 261 Afro-American History 1865 to the Present	RS 120 Introduction to the Old Testament
HIS 265 History of Women in America3	RS 121 Introduction to the New Testament
HIS 270 Ancient Europe 3	RS 130 Introduction to Comparative Religion1,23
HIS 271 Medieval Europe3	TA 101 Introduction to Theatre: Principles and Practices 3
HIS 295 East Asia to 1800	TA 200 Introduction to Dramatic Literature
HIS 296 East Asia since 1800	TA 283 American Theatre
Humanities .	WS 201 Introduction to Women's Studies in the Arts and
·	Humanities 3
Diploma, AAS, AA, AS	1. A student may not receive credit for both ANT 130 and RS 130.
AH 104 Introduction to African Art	2. May be used to fulfill either Social Interaction or Humanities competency, but may not
AH 105 Ancient Through Medieval Art	be used to fulfill both general education categories.
AH 106 Renaissance Through Modern Art	
ANT 100 Introduction to Comparative Religion 1,2	Foreign Languages
ART 100 Introduction to Art	AAS, AA, AS
CLA 135 Greek and Roman Mythology	ASL 101 American Sign Language I
ENG 161 Introduction to Literature	ASL 102 American Sign Language II
ENG 221 Survey of English Literature I	ASL 201 American Sign Language III
ENG 222 Survey of English Literature II	ASL 202 American Sign Language IV
ENG 230 Introduction to Literature (Subtitle Required)	CLA 101 Elementary Latin4
ENG 231 Literature and Genre (Subtitle)	CLA 102 Elementary Latin4
ENG 232 Literature and Place (Subtitle Required)	CLA 201 Intermediate Latin III
ENG 251 Survey of American Literature I	CLA 202 Intermediate Latin
ENG 252 Survey of American Literature II	FR 101 Elementary French4
ENG 261 Survey of Western Literature	FR 102 Elementary French4
from the Greeks through the Renaissance	FR 201 Intermediate French
ENG 262 Survey of Western Literature	FR 202 Intermediate French
from 1660 to the Present	GER 101 Basic German4
ENG 264 Major Black Writers	GER 102 Basic German4
ENG 270 The Old Testament as Literature	GER 201 Intermediate German
ENG 271 The New Testament as Literature3	GER 202 Intermediate German
ENG 281 Introduction to Film	

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JPN 101 Beginning Japanese I	. 4
JPN 102 Beginning Japanese II	. 4
RAE 150 Beginning Chinese I	. 4
RAE 151 Beginning Chinese II	. 4
SED 101 American Sign Language I	. 3
SED 102 American Sign Language II	. 3
SED 203 American Sign Language III	. 3
SED 204 American Sign Language IV	. 3
SPA 101 Elementary Spanish I (spoken approach)	. 4
SPA 102 Elementary Spanish II (spoken approach)	
SPA 201 Intermediate Spanish III (spoken approach)	. 3
SPA 202 Intermediate Spanish IV (spoken approach)	. 3

# **Cultural Studies Courses**

Cultural Studies is defined as a course in which the major thrust is the study of one or more non-traditional and/or underrepresented cultures that are traditionally excluded from or marginalized in mainstream American curriculum. Cultural studies courses demonstrate a cultural emphasis in their course descriptions.

### **Social Interaction:**

ANT 121 Introduction to Cultural Anthropology ANT 130/RS 130 Introduction to Comparative Religion\* ANT 160 Cultural Diversity in the Modern World ANT 220 Introduction to Cultural Anthropology ANT 221 Native People of North America ANT 235 Food and Culture ANT 241 Origins of Old World Civilizations ANT 242 Origins of New World Civilizations COM 254 Intro to Intercultural Communications GEO 152 Regional Geography of the World GEO 160 Lands and Peoples of the Non-Western World HUM 135 Introduction to Native American Literature\* HUM 202 Survey of Appalachian Studies I\* HUM 203 Survey of Appalachian Studies II\* HUM 204 Appalachian Seminar\* HUM 221 Contemporary Perspectives on Peace and War PS 212 Culture and Politics in the Third World PS 235 World Politics RAE 120 Introduction to Chinese Culture SOC 235 Inequality in Society SPA 115 Culture of Mexico for Non-Spanish Speakers (also listed as SPI 115) WS 200 Intro to Women's Studies in the Social Sciences

#### Heritage

HIS 101 World Civilization I
HIS 102 World Civilization II
HIS 206 History of Colonial Latin America
HIS 207 History of Modern Latin America, 1810 to Present
HIS 247 History of Islam and Middle Eastern Peoples, 500-1250
HIS 248 History of Islam and Middle Eastern Peoples, 1250 to the
Present
HIS 254 History of Sub-Saharan Africa
HIS 260 Afro-American History to 1865
HIS 261 Afro-American History 1865 to the Present
HIS 265 History of Women in America
HIS 295 East Asia to 1800

HIS 296 East Asia Since 1800

## **Humanities**

AH 104 Introduction to African Art
ENG 264 Major Black Writers
ENG 282 International Film Studies
HUM 121 Peace Studies
HUM 135 Introduction to Native American Literature\*
HUM 150 Introduction to African Literature
HUM 202 Survey of Appalachian Studies I\*
HUM 203 Survey of Appalachian Studies II\*
HUM 204 Appalachian Seminar\*
HUM 230 Twentieth Century Japanese Literature and Culture (in translation)
HUM 250 Appalachian Literature Survey
HUM 251 Contemporary Appalachian Literature
MU 101 Folk and Traditional Music of the Western Continents

MUS 104 Introduction to Jazz History
RS 101 Introduction to Religious Studies
RS 130 Introduction to Comparative Religion\*
WS 201 Introduction to Women's Studies in the Arts and
Humanities

## Foreign Languages

ASL 101 American Sign Language I ASL 102 American Sign Language II ASL 201 American Sign Language III ASL 202 American Sign Language IV CLA 101 Elementary Latin CLA 102 Elementary Latin CLA 135 Greek & Roman Mythology CLA 201 Intermediate Latin III CLA 202 Intermediate Latin FR 101 Elementary French FR 102 Elementary French FR 201 Intermediate French FR 202 Intermediate French GER 101 Basic German GER 102 Basic German GER 201 Intermediate German GER 202 Intermediate German JPN 101 Beginning Japanese I JPN 102 Beginning Japanese II RAE 150 Beginning Chinese I RAE 151 Beginning Chinese II SED 101 American Sign Language I SED 102 American Sign Language II SED 203 American Sign Language III SED 204 American Sign Language IV SPA 101 Elem Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish III SPA 202 Intermediate Spanish IV

 $\ast$  listed under more than one category and/or with a different prefix; may not be counted in more than one general education category.

Note: Cultural Studies: At least one course within the 48 cr. hr. general education block of the AA/AS must be selected from the identified Cultural Studies course list.

# **Biology, Chemistry and Mathematics Course Transitions**

A table clarifying the math course transition that took place fall 2004 is available in Appendix B. A crosswalk for Biology courses is available in Appendix C. A crosswalk for Chemistry courses is available in Appendix D.

# **Admission to Programs**

Academic requirements are specified for each program and are based on the level of difficulty and the technical nature of the curriculum. Admission to some programs is limited by college resources, facilities, accreditation requirements, etc. Contact the Student Services office or program coordinator at the college for more information.

# **KCTCS College Codes**

	Motos cones
ASC	Ashland Community and Technical College
BGT	Bowling Green Technical College
BLC	Bluegrass Community and Technical College
BSC	Big Sandy Community and Technical College
ELC	Elizabethtown Community and Technical College
GTW	Gateway Community and Technical College
HZC	Hazard Community and Technical College
HEC	Henderson Community College
HPC	Hopkinsville Community College
JFC	Jefferson Community and Technical College
MDC	Madisonville Community College
MYC	Maysville Community and Technical College
OWC	Owensboro Community and Technical College
SMC	Somerset Community College
SEC	Southeast Kentucky Community and Technical College
WKC	West Kentucky Community and Technical College