

## Written Communication

Diploma	<del>TEC 200 Technical Communications</del>	
	<del>OST 108 Editing Skills for Office Professionals</del>	
	Any Writing course approved for the AAS, AA, or AS	
AAS, AA, AS, AFA		
	ENG 101 Writing I	3
	ENG 102 Writing II	3
	ENG 105 Writing: An Accelerated Course	3

## Oral Communications

Diploma, AAS, AA, AS, AFA		
	COM 181 Basic Public Speaking	3
	COM 205 Business and Professional Communication	3
	COM 252 Intro to Interpersonal Communications	3
	COM 281 Communication in Small Group	3
	COM 287 Persuasive Speaking	3

## Quantitative Reasoning

Diploma	<del>OST 213 Business Calculations for the Office Professional</del>	<del>3</del>
	Any mathematics course approved for the AAS, AA, AS, or AFA	
AAS	<del>MAT 105 Business Mathematics</del>	<del>3</del>
	<del>MAT 110 Applied Mathematics</del>	<del>3</del>
	<del>MAT 116 Technical Mathematics</del>	<del>3</del>
	<del>MAT 126 Technical Algebra and Trigonometry</del>	<del>3</del>
	Any mathematics course listed below	
AA, AFA	MAT 146 Contemporary College Mathematics	3
	Any mathematics course listed below	
AS	MAT 150 College Algebra	3
	MAT 154 Trigonometry	2
	MAT 155 Trigonometry	3
	MAT 159 Analytic Geometry and Trigonometry	4
	MAT 160 Precalculus	5
	MAT 165 Finite Mathematics and its Applications	3
	MAT 170 Brief Calculus with Applications	3
	MAT 174 Calculus I	4
	MAT 175 Calculus I	5
	MAT 184 Calculus II	4
	MAT 185 Calculus II	5
	MAT 206 Mathematics for Elementary and Middle School Teachers II	3
	MAT 261 Introduction to Number Theory	3
	MAT 275 Calculus III	4
	MAT 285 Differential Equations	3
	STA 210 Statistics: A Force in Human Judgment	3
	STA 220 Statistics	3

## Natural Sciences

Diploma	<del>PHX 150 Introductory Physics</del>	<del>3</del>
	Any Science course approved for the AAS, AA, AS, or AFA	
AAS, AA, AFA, AS		
	ANA 209 Principles of Human Anatomy	3
	AST 101 Frontiers of Astronomy	3
	AST 155/BIO 155 Astrobiology	3
	AST 191 The Solar System	3
	AST 192 Stars, Galaxies, and the Universe	3
	AST 195 Introductory Astronomy Laboratory*	1
	BIO 112 Introduction to Biology	3
	BIO 113 Introduction to Biology Lab*	1
	BIO 114 Major Discoveries in Biology	3
	BIO 115 Biology Laboratory I*	1
	BIO 116 Biology II	3
	BIO 117 Biology Laboratory II*	1
	BIO 118 Microbes and Society	3
	BIO 120 Human Ecology	3
	BIO 121 Introduction to Ecology Laboratory*	1
	BIO 122 Introduction to Conservation Biology	3
	BIO 124 Principles of Ecology	3
	BIO 130 Aspects of Human Biology	3
	BIO 135 Basic Anatomy and Physiology with Laboratory*	4
	BIO 137 Human Anatomy and Physiology I*	4
	BIO 139 Human Anatomy and Physiology II*	4
	BIO 140 Botany	3
	BIO 141 Botany with Laboratory*	4

	BIO 142 Zoology	3
	BIO 143 Zoology with Laboratory*	4
	BIO 144 Insect Biology	3
	BIO 150 Principles of Biology I	3
	BIO 151 Principles of Biology Laboratory I*	2
	BIO 152 Principles of Biology II	3
	BIO 153 Principles of Biology Laboratory II*	2
	BIO 155/AST 155 Astrobiology	3
	BIO 209 Introductory Microbiology Lab*	2
	BIO 220 The Genetic Perspective	3
	BIO 225 Medical Microbiology	4
	BIO 226 Principles of Microbiology	3
	BIO 227 Principles of Microbiology with Laboratory*	5
	CHE 120 Chemistry in Society	3
	CHE 125 The Joy of Chemistry Laboratory*	1
	CHE 130 Introductory General and Biological Chemistry*	4
	CHE 140 Introductory General Chemistry	3
	CHE 145 Introductory General Chemistry Laboratory*	1
	CHE 150 Introduction to Organic and Biological Chemistry*	3
	CHE 155 Intro to Organic and Biological Chemistry Laboratory*	1
	CHE 170 General College Chemistry I	4
	CHE 175 General College Chemistry Laboratory I*	1
	CHE 180 General College Chemistry II	4
	CHE 185 General College Chemistry Laboratory II*	1
	CHE 220 Analytical Chemistry*	5
	CHE 270 Organic Chemistry I	3
	CHE 275 Organic Chemistry Laboratory I*	2
	CHE 280 Organic Chemistry II	3
	CHE 285 Organic Chemistry Laboratory II*	2
	EST 150 Introductory Ecology*	4
	EST 160 Hydrological Geology	3
	GEO 130 Earth's Physical Environment	3
	GEO 251 Weather and Climate	3
	GLY 101 Physical Geology	3
	GLY 102 Historical Geology	3
	GLY 110 Environmental Geology	3
	GLY 111 Laboratory for Physical Geology*	1
	GLY 112 Laboratory for Historical Geology*	1
	GLY 114 Environmental Geology Laboratory*	1
	GLY 130 Dinosaurs and Disasters:	
	A Brief History of the Vertebrates	3
	GLY 131 Dinosaur Laboratory*	1
	GLY 220 Principles of Physical Geology*	4
	PHY 151 Introductory Physics I	3
	PHY 152 Introductory Physics II	3
	PHY 160 Physics and Astronomy for Elementary Teachers*	3
	PHY 161 Introductory Physics Laboratory I*	1
	PHY 162 Introductory Physics Laboratory II*	1
	PHY 171 Applied Physics *	4
	PHY 172 Physics for Health Science*	2
	PHY 201 College Physics I	4
	PHY 202 College Physics Lab I*	1
	PHY 203 College Physics II	4
	PHY 204 College Physics Lab II*	1
	PHY 231 General University Physics I	4
	PHY 232 General University Physics II	4
	PHY 241 General University Physics I Laboratory*	1
	PHY 242 General University Physics II Laboratory*	1
	SCI 295 Scientific Investigations	3

\*Course satisfies the General Education requirement for a laboratory experience.

## Social and Behavioral Sciences

Diploma	<del>EFM 100 Personal Financial Management</del>	<del>3</del>
	<del>WPP 200 Workplace Principles</del>	<del>3</del>
	Any Social Interaction course approved for the AAS, AA, AS, or AFA	
AAS, AA, AS, AFA		
	AGR 101 The Economics of Food and Agriculture	3
	ANT 101 Introduction to Anthropology	3
	ANT 130/REL 130 Introduction to Comparative Religion	3
	ANT 160 Cultural Diversity in the Modern World	3
	ANT 220 Introduction to Cultural Anthropology	3
	ANT 221 Native People of North America	3
	ANT 235 Food and Culture	3
	ANT 241 Origins of Old World Civilizations	3

ANT 242	Origins of New World Civilizations.....	3
COM 101	Introduction to Communications .....	3
COM 249	Mass Media Communication .....	3
COM 254	Intro to Intercultural Communications .....	3
ECO 101	Contemporary Economic Issues.....	3
ECO 150	Introduction to Global Economics.....	3
ECO 201	Principles of Microeconomics .....	3
ECO 202	Principles of Macroeconomics.....	3
FAM 252	Introduction to Family Science .....	3
FAM 253	Human Sexuality: Development, Behavior, and Attitudes .....	3
FLK 280	Cultural Diversity in the US .....	3
GEN 140	Development of Leadership.....	3
GEN 225	Lifelong Learning Applications .....	3
GEO 152	Regional Geography of the World .....	3
GEO 160	Lands and Peoples of the Non-Western World .....	3
GEO 172	Human Geography .....	3
GEO 210	Pollution, Hazards and Environmental Management .....	3
GEO 222	Cities of the Worlds .....	3
GEO 240	Geography and Gender .....	3
HUM 135	Introduction to Native American Literature2 .....	3
HUM 202	Survey of Appalachian Studies I.....	3
HUM 203	Survey of Appalachian Studies II.....	3
HUM 204	Appalachian Seminar.....	3
HUM 221	Contemporary Perspectives on Peace and War.....	3
POL 101	American Government .....	3
POL 210	Introduction to European Politics: East and West.....	3
POL 212	Culture and Politics in the Third World.....	3
POL 235	World Politics .....	3
POL 255	State Government .....	3
PSY 110	General Psychology.....	3
PSY 180	Human Relations .....	3
PSY 185	Human Potential .....	3
PSY 230	Psychosocial Aspects of Death and Dying .....	3
PSY 223	Developmental Psychology.....	3
PSY 297	Psychology of Aging .....	3
PSY 298	Essentials of Abnormal Psychology.....	3
RAE 120	Introduction to Chinese Culture.....	3
REL 101	Introduction to Religious Studies .....	3
REL130	Introduction to Comparative Religion.....	3
SOC 101	Introduction to Sociology.....	3
SOC 151	Social Interaction.....	3
SOC 152	Modern Social Problems .....	3
SOC 220	The Community .....	3
SOC 235	Inequality in Society .....	3
SOC 249	Media, Society, and Culture .....	3
SOC 260	Population, Resources and Change.....	3
SPA 115	Hispanic Culture: (Country or Region) .....	3
SUS 101	Introduction to Sustainability .....	3
SUS 102	Sustainable Built Environment.....	3
SUS 201	Sustainable Societies .....	3
SUS 202	Sustainable Urban Systems .....	3
SWK 275	The Family .....	3
WGS 200	Introduction to Women's and Gender Studies in the Social Sciences.....	3

1. A student may not receive credit for both ANT 130 and REL 130.

2. May be used to fulfill either Social and Behavioral Sciences or Arts & Humanities competency, but may not be used to fulfill both general education categories.

## Arts and Humanities

### Heritage

Diploma, AAS, AA, AS, AFA

FLK 276	Introduction to Folk Studies .....	3
HIS 101	World Civilization I.....	3
HIS 102	World Civilization II.....	3
HIS 104	A History of Europe Through the Mid-Seventeenth Century.....	3
HIS 105	A History of Europe from the Mid-Seventeenth Century to the Present.....	3
HIS 106	Western Culture: Science and Technology I .....	3
HIS 107	Western Culture: Science and Technology II .....	3
HIS 108	History of the U.S. Through 1865 .....	3
HIS 109	History of the U.S. Since 1865 .....	3

HIS 120	The World at War 1939-45 .....	3
HIS 202	History of British People to the Restoration .....	3
HIS 203	History of British People Since the Restoration .....	3
HIS 206	History of Colonial Latin America.....	3
HIS 207	History of Modern Latin America, 1810 to present .....	3
HIS 215	Historical Perspectives on Prisons and Police Work .....	3
HIS 220	Native American History: Pre-Contact to 1865 .....	3
HIS 221	Native American History: 1865 to Present.....	3
HIS 240	History of Kentucky .....	3
HIS 247	History of Islam and Middle East Peoples, 500-1250 A.D.....	3
HIS 248	History of Islam and Middle East Peoples, 1250 to Present.....	3
HIS 254	History of Sub-Saharan Africa .....	3
HIS 260	African American History to 1865.....	3
HIS 261	African American History 1865 - Present .....	3
HIS 265	History of Women in America.....	3
HIS 270	Ancient Europe.....	3
HIS 271	Medieval Europe.....	3
HIS 295	East Asia to 1800.....	3
HIS 296	History of Asia II.....	3

### Humanities

Diploma, AAS, AA, AS, AFA

ANT 130/REL 130	Introduction to Comparative Religion.....	3
ART 100	Introduction to Art.....	3
ART 104	Introduction to African Art .....	3
ART 105	Ancient Through Medieval Art History .....	3
ART 106	Renaissance Through Modern Art History .....	3
ART 108	Introduction to World Art.....	3
ART 201	Ancient Art History .....	3
ART 202	Medieval Art History.....	3
ART 203	Renaissance Art History.....	3
ART 204	Modern Art History.....	3
ART 205	African American Art .....	3
ENG 135	Greek and Roman Mythology in Translation .....	3
ENG 161	Introduction to Literature .....	3
ENG 221	Survey of English Literature I.....	3
ENG 222	Survey of English Literature II.....	3
ENG 230	Introduction to Literature (Subtitle Required) .....	3
ENG 231	Literature and Genre (Subtitle).....	3
ENG 232	Literature and Place (Subtitle Required).....	3
ENG 233	Literature and Identities (Subtitle Required).....	3
ENG 234	Introduction to Women's Literature .....	3
ENG 251	Survey of American Literature I.....	3
ENG 252	Survey of American Literature II.....	3
ENG 261	Survey of Western Literature from the Greeks through the Renaissance .....	3
ENG 262	Survey of Western Literature from 1660 to the Present .....	3
ENG 264	Major Black Writers.....	3
ENG 270	The Old Testament as Literature.....	3
ENG 271	The New Testament as Literature.....	3
ENG 281/HUM 281	Introduction to Film .....	3
ENG 282/ HUM 282	International Film Studies .....	3
FLK 276	Introduction to Folk Studies .....	3
GEN 125	Applied Meta-Thinking .....	3
HNR 101	Introduction to Contemporary Thought.....	3
HON 101	The Ancient World .....	3
HON 102	The Medieval and Renaissance World .....	3
HON 201	The Early and Modern World.....	3
HON 202	The Contemporary World.....	3
HRS 101	An Integrated Survey of Western Civilization I .....	3
HRS 102	An Integrated Survey of Western Civilization II .....	3
HRS 201	An Integrated Survey of Western Civilization III .....	3
HRS 202	An Integrated Survey of Western Civilization IV .....	3
HUM 120	Introduction to the Humanities.....	3
HUM 121	Peace Studies.....	3
HUM 135	Introduction to Native American Literature.....	3
HUM 140	Introduction to Latino Literature.....	3
HUM 150	Introduction to African Literature .....	3
HUM 160	Introduction to Holocaust Literature and Film.....	3
HUM 202	Survey of Appalachian Studies I.....	3
HUM 203	Survey of Appalachian Studies II.....	3
HUM 204	Appalachian Seminar.....	3

HUM 220 Historical Perspectives on Peace and War.....	3
HUM 230 Contemporary Japanese Literature and Culture in Translation .....	3
HUM 250 Appalachian Literature Survey .....	3
HUM 251 Contemporary Appalachian Literature .....	3
HUM 281 Introduction to Film.....	3
MU 101 Folk and Traditional Music of the Western Continents.....	3
MUS 100 Introduction to Music.....	3
MUS 104 Introduction to Jazz History .....	3
MUS 206 American Music .....	3
MUS 207 African American Music History .....	3
MUS 208 World Music .....	3
MUS 222 History and Sociology of Rock Music .....	3
PHI 100 Introduction to Philosophy: Knowledge and Reality .....	3
PHI 110 Medical Ethics .....	3
PHI 120 Introductory Logic .....	3
PHI 130 Ethics .....	3
PHI 140 The Ethics of War and Peace .....	3
PHI 150 Business Ethics .....	3
PHI 160 Philosophy Through Pop Culture .....	3
PHI 170 Philosophy of Religion.....	3
PHI 180 Animal and Environmental Ethics .....	3
PHI 200 Professional Responsibility .....	3
PHI 260 History of Philosophy I: From Greek Beginnings to the Middle Ages .....	3
PHI 270 History of Philosophy II: From the Renaissance to the Present Era .....	3
REL 101 Introduction to Religious Studies .....	3
REL 120 Introduction to the Old Testament.....	3
REL 121 Introduction to the New Testament.....	3
REL 130 Introduction to Comparative Religion .....	3
REL 150 Comparative Ethics of Major World Religions.....	3
REL 170 Philosophy of Religion.....	3
THA 101 Introduction to Theatre: Principles and Practices.....	3
THA 200 Introduction to Dramatic Literature.....	3
THA 283 American Theatre .....	3
WGS 201 Introduction to Women's and Gender Studies in the Arts and Humanities .....	3

1. A student may not receive credit for both ANT 130 and REL 130.
2. May be used to fulfill either Social and Behavioral Sciences or Arts & Humanities competency, but may not be used to fulfill both general education categories.

## Other General Education Courses

### Foreign Languages

AAS, AA, AS, AFA

FRE101 Elementary French I .....	4
FRE 102 Elementary French II.....	4
FRE 201 Intermediate French I.....	3
FRE 202 Intermediate French II .....	3
GER 101 Elementary German I .....	4
GER 102 Elementary German II .....	4
GER 201 Intermediate German I.....	3
GER 202 Intermediate German II.....	3
JPN 101 Beginning Japanese I.....	4
JPN 102 Beginning Japanese II.....	4
RAE 150 Elementary Chinese I.....	4
RAE 151 Elementary Chinese II .....	4
SED 101 Sign Language I.....	3
SED 102 Sign Language II.....	3
SED 203 Sign Language III.....	3
SED 204 Sign Language IV.....	3
SPA 101 Elementary Spanish I (spoken approach).....	4
SPA 102 Elementary Spanish II (spoken approach) .....	4
SPA 201 Intermediate Spanish I.....	3
SPA 202 Intermediate Spanish II.....	3

## Other Degree and/or Credential Requirements

### 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. For completion of the AA/AS degree, students must complete at least one cultural studies course.

## Social and Behavioral Sciences

ANT 130/REL130 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 Introduction to Intercultural Communication
ECO 150 Introduction to Global Economics
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*
POL 212 Culture and Politics in the Third World
POL 235 World Politics
PSY 230 Psychosocial Aspects of Death and Dying
RAE 120 Introduction to Chinese Culture
REL 101 Introduction to Religious Studies
SOC 235 Inequality in Society
SPA 115 Hispanic Culture: (Country or Region)
WGS 200 Introduction to Women's and Gender 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 220 Native American History: Pre-Contact to 1865
HIS 221 Native American History: 1865 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 African American History to 1865
HIS 261 African American History 1865 - Present
HIS 265 History of Women in America
HIS 295 East Asia to 1800
HIS 296 History of Asia II

## Humanities

ART 104 Introduction to African Art
ART 108 Introduction to World Art
ART 205 African American Art
ENG 135 Greek and Roman Mythology in Translation
ENG 233 Literature and Identity
ENG 234 Introduction to Women's Literature
ENG 264 Major Black Writers
ENG 282/HUM 282 International Film Studies
HUM 121 Peace Studies
HUM 135 Introduction to Native American Literature*
HUM 140 Introduction to Latino Literature
HUM 150 Introduction to African Literature
HUM 160 Introduction to Holocaust Literature and Film
HUM 202 Survey of Appalachian Studies I*
HUM 203 Survey of Appalachian Studies II*
HUM 204 Appalachian Seminar*
HUM 230 Contemporary 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
MUS 207 African American Music History
MUS 208 World Music
REL101 Introduction to Religion

REL 130 Introduction to Comparative Religion\*  
 REL 150 Comparative Ethics of Major World Religions  
 WGS 201 Introduction to Women's and Gender Studies in the Arts  
 and Humanities

**Foreign Languages**

FRE 101 Elementary French I  
 FRE102 Elementary French II  
 FRE 201 Intermediate French I  
 FRE 202 Intermediate French II  
 GER 101 Elementary German I  
 GER 102 Elementary German II  
 GER 201 Intermediate German I  
 GER 202 Intermediate German II  
 JPN 101 Beginning Japanese I  
 JPN 102 Beginning Japanese II  
 RAE 150 Elementary Chinese I  
 RAE 151 Elementary Chinese II  
 SED 101 Sign Language I  
 SED 102 Sign Language II  
 SED 203 Sign Language III  
 SED 204 Sign Language IV  
 SPA 101 Elem Spanish I  
 SPA 102 Elementary Spanish II  
 SPA 201 Intermediate Spanish I  
 SPA 202 Intermediate Spanish II

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

**Digital Literacy**

CAD 103 CAD Fundamentals..... 4  
 CIT 105 Introduction to Computing..... 3  
 DLC 100 Digital Literacy..... 3  
 DPT 100 Introduction to 3D Printing Technology..... 3  
 EDU 204 Technology in the Classroom..... 3  
 IMD 100 Digital Information & Communication Technologies..... 3  
 OST 105 Introduction to Information Systems ..... 3  
 VCC 150 Mac Basics ..... 3

Digital literacy, also referred to previously as computer literacy, is a topic both broad in its scope and deep in its detail. As a consequence of this, KCTCS has adopted current Internet and Computing Core Certification (IC3) objectives to define digital literacy, emphasizing in particular the three identified, broad categories of Computing Fundamentals, Key Applications, and Living On-line. A complete listing of the IC3 objectives may be found at [http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/IC3\\_Certifications.html](http://www.certiport.com/Portal/desktopdefault.aspx?page=common/pagelibrary/IC3_Certifications.html)

All AA, AS, AFA, AAS, and diploma students graduating from KCTCS must demonstrate digital literacy by one of the following means within five years preceding their current admission to a KCTCS college:

1. Scoring a minimum of a 75% composite score on the digital literacy exam, or
2. Achieving the IC3 Certification, or
3. Articulating credit from another institution which has demonstrated compliance with the above course criteria as identified by the registrar of the receiving college in cooperation with the digital literacy faculty of the receiving college, or
4. Receiving credit for an approved KCTCS digital literacy course, or
5. Providing documentation of successful completion of other certification exams as approved by KCTCS.

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

**Course Transitions**

A significant number of courses have changed prefixes and/or course numbers. This does not change the ability of the courses to fulfill general education course requirements as long as courses were eligible at the time of enrollment. Course changes for General Education courses are available in Appendices -E (through 2012-2013 academic year). Course changes for General Education courses that occurred in the 2013-2014 academic year are available in Appendix F.

Courses in the lists which are crossed out in red are not tagged with general education transfer categories for university transfer.

**KCTCS College Codes**

ACTC	Ashland Community and Technical College
BLC	Bluegrass Community and Technical College
BSC	Big Sandy Community and Technical College
ECTC	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
SKY	Southcentral Kentucky Community and Technical College
SEC	Southeast Kentucky Community and Technical College
WKCTC	West Kentucky Community and Technical College