



# **KANSAS CORE OUTCOME GROUPS 2013-14 ANNUAL REPORT**

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Please contact Karla Wiscombe, Transfer Coordinator for the Kansas Board of Regents, with questions or suggestions regarding this report. (785-296-1487, [kwiscombe@ksbor.org](mailto:kwiscombe@ksbor.org))

Institutional abbreviations used throughout the report:

CC=Community College

TC=Technical College

U=University

## BACKGROUND

The Kansas Core Outcomes Project was initiated in 1999 by the Kansas Council of Instructional Administrators (KCIA), a group comprised of the chief academic officers of the state's community colleges and vocational-technical schools/colleges. The goal of this project was to develop core outcomes and competencies for general education courses at the state's colleges and universities.

The Core Competency meetings were originally financed through the KCIA budget. Each institution made a commitment to its faculty and supplied them with finances for lunch and travel. Due to increased budget decreases and the time commitment for our faculty, it was decided that future meetings would be held annually in the fall semester.

At its retreat in the summer of 2007, the KCIA members decided that the project needed a comprehensive list of courses that have been evaluated in each area, a standard format for reporting of the reviews and outcomes, as well as minutes. Therefore, this report follows a standard format for each discipline even though some information, such as course titles, may be missing. The annual reports are posted to the Kansas Board of Regents' website. Each report contains the most recent review of the outcomes for the courses listed at each academic institution.

In June of 2012, the Kansas Board of Regents authorized the Transfer and Articulation Council (TAAC) as the body responsible for creating structures and processes that facilitate student transfer and degree completion within Kansas higher education. TAAC utilized the structure of the faculty led KCOGs to create additional discipline groups and facilitate annual meetings for the purpose of articulating common core outcomes for system wide transfer.

The following reports indicate the results of the 2013 meeting and work completed afterward by the discipline groups.

# 2013 ANNUAL MEETING SUMMARY

## Disciplines form the following areas reviewed the listed courses:

Discipline	Courses Reviewed	KCOG Chair
Anthropology	Introduction to Linguistic Anthropology	Bill McFarlane-JCCC
Art	Art History I-Prehistoric to Medieval Art History II-Renaissance to Contemporary	David Cateforis-KU
Biology	General Biology & Lab for Non majors	Peter Chung-PSU
Chemistry	Chemistry II & Lab for Majors	Chris Culberston-KSU
Communication/Sp.	Interpersonal Communication	Marg Yaroslaski-DCCC
Computer Science	Introduction to Computers	Gladys Swindler-FHSU
Economics	Microeconomics Macroeconomics	Noreen Templin-BCCC
English	English Composition I English Composition II	W. James Buchhorn-ButlerCC
Geography	Physical Geography	Richard Marston-KSU
History	US History to 1877	Brad Fenwick-HutchCC
Math	Elementary Statistics	Paul Walcher-NeoshoCC
Modern Lang-French	French I	Melinda Cro-KSU
Modern Lang-Spanish	Spanish II	Angelique Courbou-KSU
Music	Music Theory	David Smith-NeoshoCC
Philosophy/Ethics	Logic and Critical Thinking	Dennis Arjo-JCCC
Physics	Physical Science I & Lab	Gavin Buffington-FHSU
Political Science	Introduction to Political Science	Michael Smith-ESU
Psychology	Childhood Growth & Development	Bruce Warner-PSU
Sociology	Social Problems	Richard Goe-KSU
Theatre	Acting II Stagecraft Theatre Practicum	Lawrence Alford

## **TRANSFER AND ARTICULATION ADVISORY COUNCIL MEMBERS FOR 2013-14**

Alison Wheatley	Kansas State University
Brad Will	Fort Hays State University
Brian Inbody	Neosho County Community College
Bruce Mactavish	Washburn University
Chris Culbertson	Kansas State University
Daniel Barwick	Independence Community College
Jacee Tice	North Central Kansas Technical College
Jim Williams	Emporia State University
Joey Linn	Fort Hays State University
Jon Marshall	Allen County Community College
Karla Fisher	Butler County Community College
Kim Krull	Butler County Community College
Linnea Glenmaye	Wichita State University
Matt Melvin	University of Kansas
Melinda Roelfs	Pittsburg State University
Nathan Stanley	Neosho County Community College
Penny Quinn	Barton County Community College
Randy Myers	Hutchinson Community College
Sara Rosen	University of Kansas
Tony Kinkel	Wichita Area Technical College

## INSTITUTIONS AND NUMBER OF FACULTY PARTICIPATING

Allen County Community College	25
Barton County Community College	27
Butler County Community College	30
Cloud County Community College	11
Coffeyville Community College	13
Colby Community College	8
Cowley County Community College	16
Dodge City Community College	16
Emporia State University	20
Flint Hills Technical College	2
Fort Hays State University	22
Fort Scott Community College	16
Garden City Community College	2
Highland Community College	9
Hutchinson Community College	22
Independence Community College	16
Johnson County Community College	23
Kansas City Kansas Community College	16
Kansas State University	31
Labette County Community College	13
Manhattan Area Technical College	7
Neosho County Community College	16
North Central Kansas Technical College	4
Northwest Kansas Technical College	0
Pittsburg State University	19
Pratt Community College	8
Salina Area Technical College	2
Seward County Community College	14
University of Kansas	21
Washburn University	17
Wichita Area Technical College	5
Wichita State University	21
TOTAL	472

# REPORTS

**Discipline: Anthropology**

**Kansas Regents System Number (KRSN) and Title: ANT 2010 – Introduction to Linguistic Anthropology**

**Chair/Facilitator(s): William McFarlane**

**Transfer and Articulation Council Liaison: Tony Kinkel**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC					
Barton County CC					
Butler CC			Nita Jackson	Y	Y
Cloud County CC					
Coffeyville CC					
Colby CC			Lin Davis-Stephens	N	Y
Cowley County CC	*ANT 6912 Introduction to Linguistic Anthropology	3.0	Chris Mayer	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC					
Hutchinson CC					
Independence CC					
Johnson County CC			William McFarlane	Y	Y
Kansas City KCC			Cleon Wiggins	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC					
Wichita Area TC					
			TOTALS		
Emporia St. U.			Evandro Camara (ecamara@emporia.edu)	Y	Y
Fort Hays St. U.					
Kansas St. U.	ANTH 220 Introduction to Linguistic Anthropology	3.0	Heather Loyd	Y	Y

Pittsburg St. U.					
U. Of Kansas	ANTH 320 Language and Culture in Society	3.0	Carlos Nash	Y	Y
Washburn U.			Karen Kapusta-Pofahl	Y	Y
Wichita St. U.	ANTH 352 Anthropological Linguistics	3.0	Jens Kreinath	Y	Y
			TOTALS		

**Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.**

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of ANT 1102 - Introduction to Linguistic Anthropology, students will be able to:

1. Discuss the place of Linguistic Anthropology in a multi-field Anthropology.
2. Describe the mutually-constitutive relationship between language and culture.
3. Define and apply key theories and concepts of Linguistic Anthropology, minimally: linguistic relativity, communities of practice, indexicality, and language performance.
4. Explain the different analytical approaches of Linguistic Anthropology, minimally: fieldwork and language documentation, ethnography of speaking, and discourse analysis.
5. Explain different modalities of language, such as: non-verbal communication, writing, and sign language.
6. Apply Linguistic Anthropology field methods to analyze the social construction of society and identities through linguistic practices.
7. Identify and explain different anthropological perspectives on language change, such as: language maintenance and death, pidgin and creole, and multilingualism.
8. Recognize and think critically about the power of words and language ideologies.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

- Introduction to Archaeology (Method and Theory emphasis)
- Introduction to Archaeology (World Prehistory emphasis).

**Chair for 2014: Carlos Nash (KU)**

**Comments:**

The KCOG Anthropology group met to discuss the core outcomes for an introductory course in Linguistic Anthropology. There was short discussion of widely used texts and two were identified as noteworthy: Harriet Joseph Ottenheimer, *The Anthropology of Language: An Introduction of Linguistic Anthropology*, and Susan D. Blum, *Making Sense of Language: Readings in Culture and Communication*. It was noted that Ottenheimer was light on gender and should be supplemented with other materials.

The group then turned to the course objectives for ANTH 1102. All members unanimously approved the objectives listed below.

**Discipline: Art History**

**Kansas Regents System Number (KRSN) and Title: ART1020 Art History I, Prehistoric-Medieval**

**Chair/Facilitator(s): David Cateforis**

**Transfer and Articulation Council Liaison: Sara Harris (for Daniel Barwick)**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC			Tera Reed	Y	Y
Barton County CC	ARTS 1201 Art History Survey I	3	Bill Forst	Y	Y
Butler CC			Helen Barnes	Y	Y
Cloud County CC			Nick Jones & Neil Ward	Y	Y
Coffeyville CC	ART 140 Art Hist. & Appreciation I	3	Michael DeRosa	Y	Y
Colby CC					
Cowley County CC	Art 2141 Art History I	3	Mark Flickinger	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC	Art 1743 Art History I	3	Regena Lance	Y	Y
Garden City CC					
Highland CC	A 201 Art History I	3	Matthew Leahy	Y	Y
Hutchinson CC	AR 104 Art History I	3	Jerri Griffin	Y	Y
Independence CC					
Johnson County CC	Course is taught; please verify with institution				
Kansas City KCC	FNAR 102 Art History I	3	Paul Hemmerla	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	AR 1703 Survey of Art History I	3	Susan Copas	Y	Y
Wichita Area TC					
			TOTALS	11	11
Emporia St. U.	AR 225 Art History I	3	Monica Kjellman-Chapin	Y	Y
Fort Hays St. U.			Erica Bittel	Y	Y
Kansas St. U.	ART 195 Survey of Art History I	3	D. Dow & M. Robinson	Y	Y
Pittsburg St. U.	ART 288 Western Art History I	3	Emmalyn Gennis	Y	Y
U. Of Kansas	HA 150 Western Art History I	3	David Cateforis	Y	Y
Washburn U.	AR 101 Survey of Art History I	3	Kelly Watt	Y	Y
Wichita St. U.	ARTH 121 Survey of Art History I	3	Royce W. Smith	Y	Y
			TOTALS	7	7

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

Demonstrate knowledge of representative works of Western art and architecture from the prehistoric to the medieval.

Analyze works of art and architecture using formal and contextual analysis.

Effectively utilize art historical vocabulary and terminology.

Apply the knowledge gained in this course to evaluate and interpret works of art and architecture.

**Discipline: Art History**

**Kansas Regents System Number (KRSN) and Title: ART1030 Art History II, Renaissance-Contemporary Chair/Facilitator(s): David Cateforis**

**Transfer and Articulation Council Liaison: Sara Harris (for Daniel Barwick)**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC			Tera Reed	Y	Y
Barton County CC	ARTS 1203 Art History Survey II	3	Bill Forst	Y	Y
Butler CC			Helen Barnes	Y	Y
Cloud County CC			Nick Jones & Neil Ward	Y	Y
Coffeyville CC	ART 141 Art Hist. & Appreciation II	3	Michael DeRosa	Y	Y
Colby CC					
Cowley County CC	Art 2142 Art History II	3	Mark Flickinger	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC	Art 1753 Art History II	3	Regena Lance	Y	Y
Garden City CC					
Highland CC	A 202 Art History II	3	Matthew Leahy	Y	Y
Hutchinson CC	AR 105 Art History II	3	Jerri Griffin	Y	Y
Independence CC					
Johnson County CC	Course is taught; please verify with institution				
Kansas City KCC	FNAR 103 Art History II	3	Paul Hemmerla	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	AR 1713 Survey of Art History II	3	Susan Copas	Y	Y
Wichita Area TC					
			<b>TOTALS</b>	<b>11</b>	<b>11</b>
Emporia St. U.	AR 235 Art History II	3	Monica Kjellman-Chapin	Y	Y
Fort Hays St. U.			Erica Bittel	Y	Y
Kansas St. U.	ART 196 Survey of Art History II	3	D. Dow & M. Robinson	Y	Y
Pittsburg St. U.	ART 289 Western Art History II	3	Emmalyn Gennis	Y	Y
U. Of Kansas	HA 151 Western Art History II	3	David Cateforis	Y	Y
Washburn U.	AR 102 Survey of Art History II	3	Kelly Watt	Y	Y
Wichita St. U.	ARTH 122 Survey of Art History II	3	Royce W. Smith	Y	Y
			<b>TOTALS</b>	<b>7</b>	<b>7</b>

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

Demonstrate knowledge of representative works of Western art and architecture from the Renaissance to the contemporary.

Analyze works of art and architecture using formal and contextual analysis.

Effectively utilize art historical vocabulary and terminology.

Apply the knowledge gained in this course to evaluate and interpret works of art and architecture.

**Discipline: Art History**

**Kansas Regents System Number (KRSN) and Title: Introduction to Art History**

**Chair/Facilitator(s): David Cateforis**

**Transfer and Articulation Council Liaison: Sara Harris (for Daniel Barwick)**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC			Tera Reed	Y	Y
Barton County CC			Bill Forst	Y	Y
Butler CC			Helen Barnes	Y	Y
Cloud County CC			Nick Jones & Neil Ward	Y	Y
Coffeyville CC			Michael DeRosa	Y	Y
Colby CC					
Cowley County CC			Mark Flickinger	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC			Regena Lance	Y	Y
Garden City CC					
Highland CC			Matthew Leahy	Y	Y
Hutchinson CC			Jerri Griffin	Y	Y
Independence CC					
Johnson County CC					
Kansas City KCC			Paul Hemmerla	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC			Susan Copas	Y	Y
Wichita Area TC					
			<b>TOTALS</b>	<b>11</b>	<b>11</b>
Emporia St. U.			Monica Kjellman-Chapin	Y	Y
Fort Hays St. U.	ART 380 Survey of Art History		Erica Bittel	Y	Y
Kansas St. U.			D. Dow & M. Robinson	Y	Y
Pittsburg St. U.			Emmalyn Gennis	Y	Y
U. Of Kansas	HA 100/300 Introduction to Western Art History		David Cateforis	Y	Y
Washburn U.			Kelly Watt	Y	Y
Wichita St. U.			Royce W. Smith	Y	Y
			<b>TOTALS</b>	<b>7</b>	<b>7</b>

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

Demonstrate knowledge of representative works of Western art and architecture from the prehistoric to the contemporary.

Analyze works of art and architecture using formal and contextual analysis.

Effectively utilize art historical vocabulary and terminology.

Apply the knowledge gained in this course to evaluate and interpret works of art and architecture.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting: studio art course or courses TBD (no further art history courses are recommended for articulation at this time)**

**Chair for 2014: Paul Hemmerla, Kansas City, Kansas CC**

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

As articulated above, coverage of Western art history is expected in this course; coverage of non-Western art may also be included at the discretion of individual instructors and/or institutions.

**Discipline: Biology****Kansas Regents System Number (KRSN) and Title: KSRN BIO1010 General Biology for Non Majors & Lab****KSRN BIO1011 General Biology for Non Majors****KSRN BIO1012 General Biology Lab for Non****Majors****Chair/Facilitator(s): Peter Chung, PSU****Transfer and Articulation Council Liaison: Brian Inbody, Neosho CC****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	BIO 102 Principles of Biology	5	Travis Robb	Y	Y
Barton County CC	LIFE 1402 Principles of Biology	5	Oleg Ravitskiy	Y	Y
Butler CC	BI 110 General Biology	5	Melissa Elliott	Y	Y
Cloud County CC	SC 101 General Biology	4	Cathy Troupe	Y	Y
Coffeyville CC	BIOL 101 General Biology	5	Don Barker	Y	Y
Colby CC	BI100 General Biology w/ Lab	4	Heidi Bulfer	Y	Y
Cowley County CC	BIO4111 Principles of Biology	5	No representative	N	Y
Dodge City CC	BIO 101 General Biology & Lab	5	Michael Williams	Y	Y
Flint Hills TC	BI 100/BI 101 General Biology/General Biology Lab	3, 1	No representative	N	Y
Fort Scott CC	BIOL-1215 General Biology	5	Kenny Hudiburg	Y	Y
Garden City CC	BIOL-105 Principles of Biology	5	John Schafer	Y	Y
Highland CC	BS 101 College Biology	5	Frank Kuhn	Y	Y
Hutchinson CC	BI101/BI101L General Biology/Lab	5	Mark Nolen	Y	Y
Independence CC	BIO1005 General Biology	5	Archana Lal	Y	Y
Johnson County CC	BIOL 121 Introduction to Biology for Non-Majors	4	Paul Decelles	Y	Y
Kansas City KCC	BIOL 0121 General Biology	5	No representative	N	Y
Labette CC	BIOL 120 Biology	5	Bharathi Sudarsanam	Y	Y
Manhattan Area TC	BSC 110 Biology	5	Matthew Schacht	Y	Y
Neosho County CC	BIOL111/BIOL112 General Biology Lec./General Biology Lab	3, 2	Andrew Ouellette	Y	Y
North Central KTC	BIOL-121 Human Biology w/Lab	4	Mark Schryer	Y	Y
Northwest KTC	BIO 155 General Biology	5	No representative	N	Y
Pratt CC	BIO 125 General Biology	5	Dave Chambers	Y	Y
Salina Area TC	Not available	N/A	No representative	N	Y
Seward County CC	BI1305 Principles of Biology	5	Greg Gardner	Y	Y
Wichita Area TC	BIO110 Principles of Biology	5	Travis Krehbiel	Y	Y
			TOTALS	20	25

Emporia St. U.	GB100/GB101 General Biology/ General Biology Lab	3, 1	Brent Thomas	Y	Y
Fort Hays St. U.	BIOL100/BIOL102 Human Biology/Lab. Experiences in Biology	3,1	Elmer Finck	Y	Y
Kansas St. U.	BIOL 198 Principles of Biology	4	Kent Kerby	Y	Y
Pittsburg St. U.	BIOL 111/BIOL 112 General Biology/ General Biology Lab	3, 2	Hermann Nonnenmacher	Y	Y
U. Of Kansas	BIOL 100/BIOL 102 Principles of Biology/Principles of Biology Lab	3, 1	Greg Burg	Y	Y
Washburn U.	BI 100/BI 101 Introduction to Biology/Introduction to Biology Lab	3, 2	John Mullican	Y	Y
Wichita St. U.	BIOL 106/BIOL 107 The Human Organism/The Human Organism Lab	3, 1	David McDonald	Y	Y
			TOTALS	7	7

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to

Demonstrate an understanding of the nature of science

- Scientific processes
- Scientific methods

Demonstrate an understanding of the levels of organization and emergent properties of life

- Chemical
- Cellular
- Organ/organ system
- Organismal
- Ecological

Demonstrate an understanding of bioenergetics

- Enzyme activity
- Metabolism
- Cellular respiration/photosynthesis

Demonstrate an understanding of the importance of reproduction in maintaining the continuity of life

- Mitosis
- Meiosis
- Differentiation/development
- Diversity of reproductive strategies

Demonstrate an understanding of applying the principles of genetics to unity and diversity of life

- Classical genetics
- Molecular genetics

Demonstrate an understanding of discussing evolution as the mechanism of change in biology

- Natural selection
- Speciation
- Diversity of life/classification

Demonstrate an understanding of the principles of ecology

- Ecosystem organization
- Ecological interactions
- Environmental issues

#### Laboratory topics/skills

Upon completion of this course, students will be able to:

Demonstrate an understanding of the lecture topics through application of the following lab skills

- Microscopy
- Quantitative measurement skills incorporating the metric system
- Analytical and statistical skills including presenting and/or interpreting graphs and tables
- Experience with living organisms in the laboratory and/or field setting
- Identification and proper use of laboratory equipment

#### **Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

General Biology I and II (majors sequence)

#### **Chair for 2014:**

Peter Chung, Pittsburg State University

#### **Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

Regarding Microbiology discussion...

The Microbiology Core Group had a very productive discussion regarding the main issue brought forth by the TAAC committee last May, as they rejected the Microbiology Outcomes, in particular the following:

“Under Microbiology Laboratory Skills: student will demonstrate in a supervised classroom laboratory.....,”

as being a modality rather than an outcome.

The core group felt strongly that said language not only had to stay but needed to be further modified; therefore, upon voting, approved new language to read:

“Under Microbiology Laboratory Skills: student will demonstrate in a supervised wet laboratory.....,”

There was also an addition to the Core Outcomes, under the list for Microbial Genetics, it was proposed, discussed and voted unanimously to include “Regulation of gene expression” under the list.

Voting record on keeping the modified wording in the Microbiology laboratory outcomes is included below:

Vote to keep:

“Under Microbiology Laboratory Skills: student will demonstrate in a supervised wet laboratory.....,”

<b>Institution</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Vote Y or N</b>
Allen County CC	Travis Robb	Y
Barton County CC	Oleg Ravitskiy	Y
Butler CC	Melissa Elliott	N
Cloud County CC	Cathy Troupe	Y
Coffeyville CC	Don Barker	Y
Colby CC	Heidi Bulfer	Y
Cowley County CC	No representative	Y
Dodge City CC	Michael Williams	Y
Flint Hills TC	No representative	Y
Fort Scott CC	Tracy Springer	Y
Garden City CC	John Schafer	N
Highland CC	Frank Kuhn	Y
Hutchinson CC	Tricia Paramore	Y
Independence CC	Archana Lal	Y
Johnson County CC	Heather Seitz	Y
Kansas City KCC	No representative	Y
Labette CC	Bharathi Sudarsanam	Y
Manhattan Area TC	Matthew Schacht	Y
Neosho County CC	Sarah Robb	Y
North Central KTC	Mark Schryer	N
Northwest KTC	No representative	Y
Pratt CC	Dave Chambers	Y
Salina Area TC	No representative	Y
Seward County CC	Greg Gardner	Y
Wichita Area TC	Travis Krehbiel	N
	<b>TOTALS</b>	<b>21</b>
Emporia St. U.	Brent Thomas	Y
Fort Hays St. U.	Elmer Finck	Y
Kansas St. U.	Kent Kerby	Y
Pittsburg St. U.	Peter Chung	Y
U. Of Kansas	Greg Burg	N
Washburn U.	John Mullican	Y
Wichita St. U.	Joe Shellhammer	Y
	<b>TOTALS</b>	<b>6</b>

List of all attendees at KCOG-Biology

Allen Community College	Terry	Callender
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Allen Community College	Debra	Erikson
Allen Community College	Travis	Robb
Barton County Comm College	Oleg	Ravitskiy
Butler Community College	Melissa	Elliott
Butler Community College	Katherine	Gifford
Cloud County Community College	Qin Qin	Gong
Cloud County Community College	Cathy	Troupe
Coffeyville Community College	Don	Barker
Colby Community College	Heidi	Bulfer
Dodge City Community College	Michael	Williams
Fort Hays State University	Elmer	Finck
Fort Scott Community College	Kenny	Hudiburg
Fort Scott Community College	Tracy	Springer
Highland Community College	Frank	Kuhn
Highland Community College	Matt	McElroy
Hutchinson Community College	Mark	Nolen
Hutchinson Community College	Tricia	Paramore
Independence Community College	Archana	Lal
Johnson County Community College	Paul	Decelles
Johnson County Community College	Heather	Seitz
KSU Dept of Biology	Kent	Kerby
KSU Division of Biology	Dave	Rintoul
Labette Community College	Bharathi	Sudarsanam
Manhattan Area Technical College	Matthew	Schacht
NCK Tech	Mark	Schryer
Neosho County Community College	Brian	Inbody
Neosho County Community College	Andrew	Ouellette
Neosho County Community College	Sarah	Robb
Pittsburg State University	Peter	Chung
Pittsburg State University	Hermann	Nonnenmacher
Pratt Community College	Dave	Chambers
Pratt Community College	Jason	Ghum
Pratt Community College	Michael	Westerhaus
University of Kansas	Greg	Burg
Wichita Area Technical College	Travis	Krehbiel
Wichita State University	David	McDonald
Wichita State University	Joe	Shellhammer
Washburn University	John	Mullican

**Kansas Core Outcomes Group Annual Meeting Report  
September 27, 2013**

**Discipline: Chemistry**

**Kansas Regents System Number (KRSN) Course and Title: CHM 1020/1021/1022, Chemistry II and Lab/Chemistry II/Chemistry II Lab**

**Date Learning Outcomes Approved or Modified: September 27, 2013**

**Kansas Core Outcomes Group Participants**

**Chair/Facilitator(s): Christopher Culbertson**

**KBOR Transfer and Articulation Council Representative: Karla Wiscombe**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	CHE 136 College Chemistry I	5	Todd Francis, francis@allencc.edu	Y	Y
Barton County CC	CHEM 1808 College Chemistry II and Lab	5	Guy Causey, Causeyj@Bartonccc.edu"	Y	Y
Butler CC	CH115 College Chemistry II	5	Robert Carlson, rcarlson@butlercc.edu	Y	Y
Cloud County CC	SC132 Chemistry II	5	Cindy Lamberty, clamberty@cloud.edu	Y	Y
Coffeyville CC	CHEM 104 Principles of Chem I	5	Amy Lumley, amyl@coffeyville.edu	Y	Y
Colby CC	PH122 University Chemistry			N	
Cowley County CC	CHM4230 College Chemistry II	5	Chad Killblane, killblanec@cowley.edu	Y	Y
Dodge City CC	CHM112 College Chem II	5	Barb Spohr, bspohr@dc3.edu	Y	Y
Flint Hills TC				N	
Fort Scott CC	CHE 1025 General Chemistry II	5	Robert Doyle, robertd@fortscott.edu	Y	Y
Garden City CC	CHEM110 College Chem II	5		N	
Highland CC	PS 112 Chemistry II	5	Ashleigh Steckly, asteckly@highlandcc.edu	Y	
Hutchinson CC	CH106 Chemistry II CH111H Honors Princ. of Chem	5 5	Erin Beavers beaverse@hutchcc.edu	Y	Y
Independence CC	PHS1035 Gen Chem II	5	Blain Mamiya, bmamiya@indycc.edu	Y	Y
Johnson County CC	CHEM 131 General Chemistry II	5	Charles Watson	Y	Y
Kansas City KCC				N	
Labette CC	CHEM126 College Chemistry II	5	Doug Ecoff, douge@labette.edu	Y	Y
Manhattan Area TC	CHM111 Chem. II	5	Barb Wenger	Y	Y
Neosho County CC	CHEM 226 College Chem II	5	Luka Kapkiai	Y	Y
North Central KTC				N	
Northwest KTC				N	
Pratt CC	CHM154 Gen. Chem. II			N	
Salina Area TC				N	
Seward County CC	CH1515 Gen. Chem. II			N	
Wichita Area TC	Chem135 Gen. Chem. II	5	Linda Grossman	Y	Y
Emporia St. U.	CH124/Ch127 Chemistry I	5	Eric Trump, etrump@emporia.edu	Y	Y
Fort Hays St. U.	CHEM 122 University Chem. II	5	Loretta Dorn	Y	Y

Kansas St. U.	CHM 230 Gen. Chemistry II	4	Chris Culbertson, culbert@ksu.edu	Y	Y
Pittsburg St. U.	CHEM 216 Gen. Chemistry II	5	Dilip Paul	Y	Y
U. Of Kansas	CHEM 135 General Chemistry II	5	Dave Benson	Y	Y
Washburn U.	CH152 Fund. Of Chemistry	5	Shaun Schmidt	Y	Abstain
Wichita St. U.	CHEM 212 General Chem II	5	Doug English	Y	Y

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Others attending:**

### **Core Outcomes**

#### **4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of [KSRN and title], students will be able to:

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### CHEMISTRY II (SEMESTER II) COURSE OUTCOMES AND COMPETENCIES

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#### LECTURE PORTION OF CHEMISTRY

Content of the course will prepare students to:

- I. Colligative Properties
  - a. Describe the origins and relative magnitudes of intermolecular forces.
  - b. Relate phase behavior to nature of intermolecular forces.
  - c. Define saturated solution, unsaturated solution, supersaturated solution, solubility, solute, and solvent.
  - d. Understand and perform calculations using Henry's Law
  - e. Calculate concentration in molality, molarity, mole fraction, and percent composition, and interconvert between these units.
  - f. Explain and calculate vapor pressure using Raoult's Law.
  - g. Explain other colligative properties, including freezing point depression, boiling point elevation, and osmotic pressure.
  - h. Perform calculations using colligative properties, including molecular weight, freezing point depression, boiling point elevation and osmotic pressure.
  - i. Differentiate between the behaviors of non-ionizing and ionizing compounds in solution.
  
- II. Kinetics
  - a. Discuss the meaning of the rate of a reaction.
  - b. Explain the factors that affect reaction rates.
  - c. Use the initial rate method to determine reaction order from experimental data.
  - d. Determine orders of reaction for reactants from data expressing changes in concentration as a function of longer times.
  - e. Use the rate law to determine the overall order of a reaction.
  - f. Determine a reaction rate law from initial rate data.
  - g. Describe the relationship between order of reaction and molecularity.
  - h. Use experimental data to determine the rate law for a reaction.
  - i. Use an integrated form of the rate expression to perform calculations relating reactant or product concentration with reaction time.
  - j. Compare zero, first and second order rate reactions.
  - k. Discuss the collision theory of a reaction rate.
  - l. Use the Arrhenius equation to illustrate the relationship between energy of activation and rate law constant.

- m. Describe the relationships among the mechanism, the overall reaction and elementary steps.
- n. Identify reaction intermediates and catalysts in reaction mechanisms.
- o. Draw and interpret energy diagrams and illustrate the affect of a catalyst on the energy diagram.

### III. Equilibrium Principles

- a. Explain the relationship between the terms reversible reaction and dynamic equilibrium.
- b. Write the general equilibrium constant expression and explain its significance.
- c. Calculate  $K_{eq}$  given equilibrium concentrations of reactants and products.
- d. Calculate equilibrium concentrations of reactants and products given the equilibrium concentration of other reactants and products.
- e. Calculate new equilibrium concentrations of reactants and products after an increase or decrease in the concentration of one of the reactants or products.
- f. Explain why the concentrations of pure liquids and solids are never used in equilibrium constant expressions.
- g. Show how the numerical value of the equilibrium constant changes when the stoichiometric coefficients are changed or the reaction is reversed.
- h. Explain the differences between the terms  $K_c$  and  $K_p$  and the relation of either to  $Q_c$ .
- i. Explain the difference between an equilibrium position and an equilibrium constant.
- j. Given  $K_{eq}$  and initial concentration of reactants and/or products, calculate the final concentrations of reactants and/or products.
- k. List and explain the external factors that can affect equilibria.
- l. Using LeChatelier's Principle, explain how changes in temperature, pressure, volume, or concentration affect the equilibrium position for a chemical reaction.

### IV. Equilibrium of Aqueous Solutions

- a. Use the definition of acids and bases to distinguish between strong and weak acids and bases, equilibrium relationships among them, and the aqueous properties of their salts.
- b. Use the concepts of pH, pOH,  $K_a$ , and  $K_b$  to calculate the pH of aqueous solutions of acids, bases, and their salts.
- c. Determine the specific species present in an aqueous solution and the concentrations of those species.
- d. Describe the shape of acid-base titration curves for strong acid-strong base, weak acid-strong base, strong acid-weak base and weak acid-weak base titrations.
- e. Describe the effect of common ions and calculate concentrations of all species present in solutions of weak acids and bases.
- f. Describe the ionization of polyprotic acid in aqueous solution.
- g. Explain the buffer effect, predict the influence of added acids and bases on buffers, and calculate the concentrations of species in solution (using acid or base dissociation constant expressions, or Henderson-Hasselbach equation).
- h. Calculate the pH of a buffer solution outside of the buffer region.
- i. Identify titration curves for strong, weak, and polyfunctional acids and bases.
- j. Understand the use of volumetric methods to determine the concentrations of species in solution.
- k. Understand application of indicators in titration.
- l. Write an equation to express the relationship between a solid solute and its constituent ions in a saturated solution.
- m. Calculate the  $K_{sp}$  from molar solubility and molar solubility from  $K_{sp}$ .
- n. Calculate the effect of a common ion on the molar solubility of a salt.
- o. Predict whether precipitation will occur when salt solutions are mixed and determine the concentration of ions remaining in solution after precipitation.

- V. Thermodynamics
- Explain the similarities and differences between such terms as enthalpy, entropy, and free energy.
  - Explain how the First, Second, and Third Laws of Thermodynamics apply chemical and physical processes.
  - Predict whether the entropy change in a given process is positive, negative, or near zero.
  - Use data tables to determine enthalpy, entropy, and free energy changes.
  - Explain how  $\Delta H^\circ$ ,  $\Delta S^\circ$ , and  $\Delta G^\circ$  are related to reaction spontaneity.
  - Explain how knowledge of  $\Delta H^\circ$ ,  $\Delta S^\circ$ , and  $\Delta G^\circ$  allows one to predict the conditions under which a reaction will occur.
  - Describe and calculate the relationship between the standard free energy of reaction and the equilibrium constant.
  - Calculate  $\Delta G$  for a chemical reaction that occurs under nonstandard conditions.
- VI. Electrochemistry
- Describe galvanic and electrolytic cells and their operation, including the identification of half reactions at the anode and cathode.
  - Write half reactions given a balanced redox reaction, and generate a balanced redox reaction given redox half reactions.
  - Calculate cell potentials and determine spontaneity of oxidation/ reduction reactions.
  - Understand and use Faraday's Law.
  - Understand and apply the relationship of thermodynamics to electrochemistry.
  - Understand and use the Nernst Equation.
  - Understand the relationship between the cell potential  $E$  and  $\Delta G$ , and use this relationship in problem solving.
  - Give examples of natural and/or commercial applications of electrochemical processes
  - Use the activity series of metals (optional).
- VII. Optional Topics (alphabetical)
- Biochemistry.
  - Coordination chemistry.
  - Descriptive chemistry.
  - Nuclear and radiochemistry.
  - Organic chemistry.
  - Solid state chemistry.

## **LABORATORY PORTION OF THE CHEMISTRY II COURSE**

Upon successful completion of this course the student will be able to:

- I. Work in the laboratory in accordance with good laboratory practices
  - a. Dress in an appropriate manner as to promote safety in the laboratory, wearing appropriate laboratory attire and goggles when anyone is working with chemicals in the laboratory.
  - b. Follow written directions accurately.
  - c. Work safely and effectively, using equipment and chemical carefully and correctly.
  - d. Demonstrate use of required techniques.
  - e. Dispose of waste products in a proper manner.
  - f. Know how to find and understand MSDS's for the chemicals used in a particular laboratory.
- II. Gather and record qualitative and quantitative data accurately
  - a. Acquire data using balances and volumetric glassware.
  - b. Make and record visual observations.
  - c. Use computers, when appropriate, as data acquisition tools.
  - d. List or describe experimental assumptions made and any deviations from the written experimental procedures.
- III. Handle and evaluate data in logical, productive, and meaningful ways
  - a. Create notebooks and laboratory reports that are clear, understandable, and accurately represent the data collected.
  - b. Display computer data in a spreadsheet or graphically, as appropriate
  - c. Correlate observations with chemical or physical processes.
  - d. Carry out suitable calculations with quantitative data, recognizing when data and calculations are within a reasonable range.
  - e. Use observations of experimental data to present relevant conclusions pertaining to the experimental procedure.
- IV. Correlate laboratory work with principal topics in College Chemistry II lecture

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**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The attached document describes the core outcomes for the second semester of the introductory chemistry course (Chemistry II) that is intended for chemistry majors and is typically required of most other physical science majors and of students in pre-professional programs (such as pre-medicine). The course includes both a lecture and lab which typically require 3 to 4 contact hours for the lecture and 2 to 4 contact hours for lab across the KBOR institutions. All but KSU, assign 5 credit hours to the lecture/lab combination - KSU has an optional 1 hour lab recitation that students may take.

The document, along with the Chem I document approved last year were generated some years ago during the first COG meeting in the spring of 2000. There was a substantial amount of discussion about the document this year as some colleges split up the Chem I/II sequence slightly differently. As a result of the discussion, the original document was revised to account for these differences. The group also decided to revisit the SLO's for both Chem I and II over the next couple of years both to reduce the number of SLO's and to make the language in the SLO's more generic. This process will begin in the Spring of 2014 with a special session at the Kansas College Chemistry Teachers Conference in Manhattan KS and through email correspondence for those unable to attend. Karla Wiscombe, our TAAC liaison, pointed out that the state of Texas has developed SLO's for most of their lower level college courses and that it might be instructive to examine the ones they developed for Chem I and Chem II to guide us on crafting our new SLO's.

In addition to the Chemistry 2 course, it was agreed that the group would begin work on the SLO's for a lower level introductory chemistry course that covers general, organic, and biochemistry (GOB). This course is not intended for chemistry majors but is a service course targeted at specific groups which varies among the institutions. Doug English from Wichita State University has agreed to draft a preliminary set of SLO's.

There was also a discussion about the Organic Chemistry sequence and the transferability of Organic Chemistry courses between community colleges and 4-year institutions. All of the 4-year institutions list Organic Chemistry as an upper level course. Community colleges are barred from teaching upper level courses. As such, the Organic Chemistry courses at community colleges do not always transfer for Organic Chemistry credit at some 4-year institutions. Part of the

reason for the upper level designation of Organic Chemistry, as pointed out by Dave Benson of KU, is that students at 4-year institutions are required to complete a minimum number of hours of upper level coursework in order to graduate. Changing the designation of Organic Chemistry would place most students below this threshold. It was also pointed out that ACS requires student access to and use of advanced instrumentation in the organic sequence and that most community colleges do not have access to such instrumentation. That being said, most of the 4-year institutions will accept on a case-by-case basis organic chemistry credit. The mechanism for determining whether such classes will transfer varies significantly from institution. The committee decided to discuss organic further at our next meeting and Robert Carlson from Butler CC will draft a set of SLO's for the organic sequence so that the group can attempt to reach a consensus on the general topics that should be taught in such courses. This should make it easier for the 4-year institutions to assess the community college taught organic classes.

Finally, Christopher T. Culbertson, Associate Professor of Chemistry at KSU, has agreed to act as Chair of the next Chemistry COG meeting. The next course for the group will be the GOB course. We will also lay the groundwork for revising the SLO's for both Chemistry I and II

Chris Culbertson  
Chemistry COG Chair  
Chemistry Department, KSU

10 October 2013

**The 2013 Kansas Core Outcomes  
September 27, 2013  
Communication/Speech Group meeting report**

**Discipline: Communication/Speech**

**Kansas Regents System Number (KRSN) and Title: COM???? Interpersonal Communication**

**Chair/Facilitator(s): Marg Yaroslaski**

**Transfer and Articulation Council Liaison: Bruce Mactavish**

**Attendance:**

	9/27/13 Attendance			VOTING
	Chair:			
	Marg	Yaroslaski	Dodge City Community College	
	Community Colleges			
1	Terri	Piazza	Allen Community College	x
2	Alissa	Duncan	Barton County Comm College	
3	Peter	Solie	Barton County Comm College	x
4	Alexis	Hopkins	Butler Community College	x
5	Greg	May	Butler Community College	
6	Matt	Webster	Butler Community College	
7	Salina	Meek	Coffeyville Community College	x
8	Adam	Borth	Cowley College	x
9	Carol	Strickland	Flint Hills Technical College	x
10	Sarah	Blew	Fort Scott Community College	x
11	Rachel	Santine	Hutchinson Community College	x
12	Marsha	Hayes	Independence Community College	x
13	Myra	Young	Johnson County Community College	x
14	Traci	Dillavou	Kansas City KS Community College	x
15	Tonya	Bell	Labette Community College	x
16	Marilyn	Mahan	Manhattan Technical College	x
17	Mary	Weilert	Neosho County Community College	x
18	Dale	Doll	Seward County Community College/Area Technical School	
19	Gail	Harris	Seward County Community College/Area Technical School	x
	Universities:			
20	Stephen	Catt	Emporia State University	x
21	Scott J.	Robson	Fort Hays State University	x
22	Darren	Epping	KSU Dept of Communication Studies	x
23	Shirley	Drew	Pittsburg State University	x

24	Alesia	Woszidlo	University of Kansas	x
25	Rebecca	Nordyke	Wichita State University	x

Meeting summary:

Goal – Agree on common outcomes for Interpersonal Communication

1. Initial Question – Do we want to consider the proposed outcomes completed by the interim committee:
  - discussion of transferability: Some institutions cannot transfer a 100 level course in as a 300 level course. IPC courses currently range from 100 level courses to 500 and above.
  - KBOR working on a link on their site to help students track course transferability between all state colleges.
  - Suggestion to track transferability issues for further discussion next year
  - Consensus in group to move the outcomes proposed by committee to work on common outcomes.
2. review of proposed document
  - course title – agreed
  - course description – revised statement but reminded group that this is not a required statement.
  - Outcomes – discussed what would be required and what would be recommended, the difference between must and should.
  - Decided to focus at this point on the outcomes and not the competencies at this point given that the competencies would be suggestions not required.
  - Discussed and revised outcome 1 – consensus to approve and move on
  - Discussed and revised outcome 2 – consensus to approve and move on
  - Discussed and revised outcome 3 – consensus to approve and move on
  - Discussed and revised outcome 4 – consensus to approve and move on
  - Discussed and revised outcome 5 – consensus to approve and move on
  - Discussed and revised outcomes 6 – consensus to approve and move on
  - Discussed possible addition of ethical interpersonal communication but determined that ethics would be a recurring theme in the competencies.

The discussion resulted in the following outcomes:

1. **Demonstrate an ability to apply effective communication techniques within a variety of contexts.**
  2. **Demonstrate an understanding of various effective conflict management skills.**
  3. **Demonstrate an understanding of the impact of gender and culture on interpersonal communication.**
  4. **Demonstrate an ability to analyze effective listening habits and skills.**
  5. **Evaluate the role of verbal and nonverbal messages in interpersonal communication.**
  6. **Recognize the role of perception of self and others in interpersonal communication.**
3. **Vote: A motion was made by Salina Meek, Coffeyville Community College, that we approve the proposed outcomes but delay formal submission to KBOR for one year to allow further work on competencies and to allow colleges to update course numbers and titles.**

- discussion of adoption of outcomes and how that impacted community
  - colleges' ability to make changes to course numbers. At least six community colleges currently have 100 level courses and would want to explore changing the course to a 200 level course to assist with transfer.
  - If current courses were submitted as a formal agreement of transferability it would be more difficult down the road to reflect new course numbers/names.
  - Colleges could adopt the approved outcomes in anticipation of the formal adoption in 1 year as a part of course changes.
  - VOTE report:
    - o Community Colleges - 15 yeas, 0 opposed
    - o Universities – 6 yeas, 0 opposed
    - o Vote passed based on established voting rules.
4. Future meeting:
- The Communication Work group would like to meet in one year to finish the work on the IPC outcomes.
  - Marg Yaroslaski was selected as the Chair the meeting next year.

Minutes kept by Terri Piazza, Allen Community College.

**Discipline: Computer Science****Kansas Regents System Number (KRSN) and Title: CSC1010 Introduction to Computers and Application****Chair/Facilitator(s): Dr. Gladys Swindler, Fort Hays State University****Transfer and Articulation Council Liaison: Dr. James Williams, Emporia State University****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr Hr</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote NA</b>
Allen County CC	CIS100 Introduction to Computers	3	SharonLawless,slawless@allencc.edu Christy Cutshaw, cutshaw@allencc.edu	Y N	
Barton County CC	BSTC1036 Computer Concepts and Applications	3	Deanna Stevens, StevensD@bartonccc.edu Brenda Siebold,sieboldb@bartonccc.edu	Y Y	
Butler CC	BE160 Computer Concepts	3	Karen Waddell, kwaddell@butlercc.edu	Y	
Cloud County CC	CS108 Computer Applications	3	Chet Anson, canson@cloud.edu	N	
Coffeyville CC	COMP162 Computer Concepts and Applications	3	Shari Hurlbutt, sharih@coffeyville.edu	Y	
Colby CC	CO176 Introduction to Computer Concepts and Applications	3	Crystal Pounds, crystal.pounds@colbycc.edu	Y	
Cowley County CC	CAP1516 Computer Applications	3	Rae Dale, dale@cowley.edu	Y	
Dodge City CC	CS101 Computer Concepts and Applications	3	Deedee Herrera, deedee@dc3.edu Dave Anderson, Danderson@dc3.edu	N Y	
Flint Hills TC				N	
Fort Scott CC	COM1053 Introduction to Computer Science	3	Larry Shead, larrys@fortscott.edu	Y	
Garden City CC	CSCI 110 Introduction to Computer Concepts and Applications	3	Lachele Greathouse, lachele.greathouse@gcccks.edu	N	
Highland CC	BUS130 Microcomputer Applications 1	3	Linda Switzer, lswitzer@highlandcc.edu	Y	
Hutchinson CC	IS104 Microcomputer Applications	3	Jillene Cunningham, cunninghamj@hutchcc.edu	Y	
Independence CC	CIT1003 Computer Concepts & Applications	3	Tamary Kessler, tkessler@indycc.edu	Y	
Johnson County CC	CIS124 Introduction to Computer Concepts and Applications	3	Angie Pelaccio, apelacci@jccc.edu	Y	
Kansas City KCC	CIST101 Computer Concepts	3	Richard Gammon, rgammon@KCKCC.edu	Y	
Labette CC	COMP 110 Computer Concepts & Applications	3	Lori Ford, lorif@labette.edu Jack Burke, jackb@labette.edu	N Y	
Manhattan Area TC	CIS100 Software Applications	3	Laurie Johnson, lauriejohnson@manhattantech.edu	Y	
Neosho County CC	CIS100 Computer Concepts & Applications CSIS130 Introduction to Comp Info Systems	3 3	Chad DeVoe, cdevoe@neosho.edu	Y	
North Central KTC	CIS100 Microsoft Office 2010 Introductory CIS108 Advanced Computer Apps	3 3	Laryl Rous, lrous@ncktc.edu	Y	
Northwest KTC				N	
Pratt CC	BUS235 Microcomputer Office Applications	3	Carol Ricke, carolr@prattcc.edu	Y	
Salina Area TC				N	
Seward County CC	CS1203 Introduction to Computer Concepts/Applications	3	Mindy Holder, mindy.holder@sccc.edu	Y	
Wichita Area TC	CED101 Computer Essentials CED115 Computer Applications	2 3	Cheri Adams, cadams@watc.edu	Y	

			<b>TOTALS</b>	<b>19</b>	
Emporia St. U.	IS113 Introduction to Microcomputer Applications (Lecture) IS110 Micro-Computer Application Lab (Lab)	3	Terence Saldanha, tsaldanh@emporia.edu	N	
Fort Hays St. U.	MIS101 Introduction to Computer Information Systems	3	Gladys Swindler, ggiebler@fhsu.edu	Y	
Kansas St. U.	CIS101 Introduction to Computing Systems CIS102 Introduction to Spreadsheets CIS103 Introduction to Databases CIS104 Introduction to Word Processing	1 1 1 1	Gurdip Singh, gurdip@ksu.edu	Y	
Pittsburg St. U.	CIS130 Computer Information Systems	3	Dwight Strong, dstrong@pittstate.edu	Y	
U. Of Kansas	EECS128 Foundations of Information Technology	3	Nancy Kinnersley, nkinners@ku.edu	Y	
Washburn U.	CM101 Computer Competency & the Internet	3	Bruce Mechtly, bruce.mechtly@washburn.edu Roberta Jolly, Roberta.jolly@washburn.edu	Y N	
Wichita St. U.	PC105 Introduction to Computers and Applications	3	William Ingle, william.ingle@wichita.edu	N	
			<b>TOTALS</b>	<b>5</b>	

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

- ***Identify the specifications and configurations of computer hardware.***
- ***Identify the role of an operating system.***
- ***Use the Internet to find information and determine its credibility.***
- ***Use word processing software to create, edit, and produce professional documents.***
- ***Create spreadsheets and charts for problem-solving.***
- ***Utilize a database.***
- ***Use presentation software to create, edit, and produce professional presentations.***
- ***Identify the ethical and social standards of conduct regarding the use of information and technology.***
- ***Identify security threats and solutions.***

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

**Chair for 2014: Gladys Swindler, Fort Hays State University**

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

#### **Minutes of 9-27-2013 Meeting:**

The meeting was called to order by Gladys Swindler, Fort Hays State University at 9:00 am in the Cottonwood Room of the Kansas State University Student Union. Dr. James Williams was introduced as the TAAC liaison for the group. Individual members were introduced and attendance recorded.

Members provided course numbers and materials being used in their institutions for the transfer and articulation of KSC1101- Computers and Applications as requested by Dr. Williams. The list follows this report.

Items discussed during the session include:

***Skill Sets of Entering Freshmen*** All participants agree that the skill sets of new freshmen are lacking in basic computing skills such as file management, security, ethics, privacy, copyright, finding and using quality research information, and office applications. Most noted that these skills sets are noticeably lower each fall. This appears to be a result of the Board of Regents decision to drop the one unit of computer technology required for admission to regent institutions. If students have had a computer app course at all, it may have been in junior-high school or the high school freshman year. This requires instructors to do more remedial work with students in an already content-heavy course.

***Review of Learning Outcomes*** At the 2012 meeting, learning outcomes were adopted and approved by TAAC on December 12, 2012. The learning outcomes were reviewed and discussed. All agreed that they are still current and relevant outcomes for the articulated course.

***Learning Outcomes Listed on Syllabi*** Members were asked to bring current syllabi for the course and discussion followed regarding statement of the learning outcomes on each syllabus. Members agreed that a verbatim recording of each learning outcome was unnecessary if the stated goals on the syllabus reflected the adopted learning goals for transfer and articulation.

A recommendation from the Kansas Council of Instructional Administrators recommends two year institutions include a statement similar to the following on their syllabi regarding courses approved for Kansas System Wide Transfer:

**KSRN Course \_\_\_\_**

**The learning outcomes and competencies detailed in this syllabus meet or exceed the learning outcomes and competencies specified by the Kansas Core Outcomes Groups for this course, as sanctioned and approved by the Kansas Board of Regents.**

After discussion, members agreed that reference to the KSRN Course number and/or the inclusion of this statement on syllabi, while not mandatory, allows a commonality across syllabi. Many believe that inclusion of the statement is redundant because all institutions in the KBOR system have agreed on the learning outcomes and content of the articulated course. All agreed that inclusion of this information is to be determined by the individual instructor to conform to their school's guidelines regarding information included on the syllabus.

***Common Course Title*** Many feel that a common course title eliminates confusion between institutions regarding what course is under the transfer and articulation agreement. Discussion involved issues in re-naming courses in the school's catalog. Different processes are in place and schools vary across the spectrum. For some, it is merely a paperwork change of name; however, in some institutions the process can be complicated from submitting to department curriculum committees, colleges, faculty senate, academic affairs, or even the Board of Regents in some cases.

A motion was made and seconded to recommend a change of the name of the course for each school to Computer Concepts and Applications. The motion carried with one member voting against and one member abstaining. However, it is understood that this is only a recommendation and may not be implemented in every institution in the system for various reasons.

***Additional Courses for Articulation*** Two courses, Programming I and II, were discussed as possible additional courses for articulation. In discussion, it was noted that these courses generally are required courses for specified majors such as Computer Science and not General Education. The point was made that the transfer and articulation initiative of the Board of Regents deals with General Education courses and not specific major courses. All agreed that more investigation is needed to determine if these courses are appropriate for transfer and articulation under this initiative.

***Future of Introductory Computing Courses*** Several representatives indicate that this particular course is targeted and/or under scrutiny for discontinuance at any given time. This course is a required general education course, an elective, or not required at all depending on the institution. All agreed that points to consider when justifying the course are: strong syllabus with clearly stated goals and objectives, enumerating the benefits of the course to administration, providing supporting data for the justification, and presenting a united front in lobbying for course continuance.

With no additional discussion points from the floor, a motion was made and seconded to retain Gladys Swindler, Fort Hays State University, as the facilitator for the group for next year. The vote was unanimous and Dr. Swindler accepted the appointment.

The meeting adjourned at 10:40am.

Respectfully submitted,

Gladys Swindler, Ph.D.  
Department of Informatics  
Fort Hays State University

Institution	Course Number and Title	Textbook/Materials
Allen County CC	CIS100 Introduction to Computers	<i>Discovering Computers 2011</i> , Course Technology
Barton County CC	BSTC1036 Computer Concepts and Apps	<i>Microsoft Office 2010 Introductory</i> , Shelly/Vermaat
Butler CC	BE160 Computer Concepts	<i>Computer Concepts</i> , Course Technology <i>The Practical Office 2010</i> , Course Technology
Cloud County CC	CS108 Computer Applications	<i>Office 2013 w/SNAP Training</i> , Marquee Series
Coffeyville CC	COMP162 Computer Concepts and Applications	<i>Office 2013 w/SNAP Training</i> , Marquee Series, Rutkosky
Colby CC	CO176 Introduction to Computer Concepts and Applications	<i>Office 2013 w/SNAP Training</i> , Marquee Series, Rutkosky
Cowley County CC	CAP1516 Computer Applications	<i>Microsoft Office 2010 Introductory</i> , Shelly/Vermaat
Dodge City CC	CS101 Computer Concepts and Apps	<i>New Perspectives on MSOffice 2013 (1st)</i> , Cengage
Flint Hills TC		
Fort Scott CC	COM1053 Introduction to Computer Science	<i>Technology in Action Complete(9th)</i> , Evans, Martin 9780132838733
Garden City CC	CSCI 110 Introduction to Computer Concepts and Applications	
Highland CC	BUS130 Microcomputer Applications 1	<i>New Perspectives on MSOffice 2010</i> , Course Technology
Hutchinson CC	IS104 Microcomputer Applications	<i>Office 2013</i> , Shelley Cashman <i>Discovering Computer Fundamentals</i>
Independence CC	CIT1003 Computer Concepts & Applications	<i>Our Digital World: Introduction to Computing (2nd)</i> , Paradigm <i>Office 2013: Marquee Series SNAP</i>
Johnson County CC	CIS124 Introduction to Computer Concepts and Applications	<i>MS Office 2013 (Illustrated)</i> , Cengage <i>Computer Concepts (Illustrated)</i> , Cengage
Kansas City KCC	CIST101 Computer Concepts	Custom Edition , Pearson
Labette CC	COMP 110 Computer Concepts & Applications	<i>MS Office 2013</i> , FMCP Marquis. Rutkosky
Manhattan Area TC	CIS100 Software Applications	<i>MS Office 2010 Introductory</i>
Neosho County CC	CIS100 Computer Concepts & Applications CSIS130 Introduction to Comp Info Systems	<i>Computer Concepts &amp; Microsoft Office</i> , Sequin, Paradigm
North Central KTC	CIS100 Microsoft Office 2010 Introductory CIS108 Advanced Computer Apps	<i>Microsoft Office 2010 Introductory</i>
Northwest KTC		
Pratt CC	BUS235 Microcomputer Office Applications	<i>MS Office 2010</i> , Benchmark Series, Paradigm, Rutkosky
Salina Area TC		
Seward County CC	CS1203 Introduction to Computer Concepts/Applications	<i>MS Office2010, First Course Introductory Illustrated</i> , Cengage

Wichita Area TC	CED101 Computer Essentials CED115 Computer Applications	None Used - Self-Created Projects/Assignments/Exams <i>Microsoft Office 2010 Introductory, Shelly/Vermaat</i>
Emporia St. U.	IS113 Introduction to Microcomputer Applications (Lecture) IS110 Micro-Computer Application Lab (Lab)	
Fort Hays St. U.	MIS101 Introduction to Computer Information Systems	<i>Visualizing Technology</i> , Geoghan - myITLab - <a href="http://atomiclearning.com">atomiclearning.com</a>
Kansas St. U.	CIS101 Introduction to Computing Systems CIS102 Introduction to Spreadsheets CIS103 Introduction to Databases CIS104 Introduction to Word Processing	CIS101 <i>Technology in Action</i> CIS102-103-104 <i>MS Office 2013: Introductory</i>
Pittsburg St. U.	CIS130 Computer Information Systems	<i>Technology in Action</i> , (Custom Ed.), Pearson
U. Of Kansas	EECS128 Foundations of Info Technology	<i>Using Information Technology</i> , Williams & Sawyer
Washburn U.	CM101 Computer Competency & the Internet	<i>Discovering Computers, Fundamentals Approach</i> , Shelley/Cashman
Wichita St. U.	PC105 Introduction to Computers & Apps	

**Discipline: Economics****Kansas Regents System Number (KRSN) and Title: ECO 1010-Microeconomics****Chair/Facilitator(s): Noreen Templin, Butler Community College****Transfer and Articulation Council Liaison: Nathan Stanley, Neosho Community College****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC					
Barton County CC	ECON 1612	3	Kathy Boeger	Y	Y
Butler CC	EC 200	3	Noreen Templin	Y	Y
Cloud County CC	EC 102	3	Cathy Forshee	Y	Y
Coffeyville CC					
Colby CC					
Cowley County CC					
Dodge City CC					
Flint Hills TC					
Fort Scott CC	ECO 1013	3	Debra Cummings	Y	Y
Garden City CC	ECON 112	3	Chip Marcy	Y	Y
Highland CC					
Hutchinson CC					
Independence CC	BUS 2023	3	John Eubanks	Y	Y
Johnson County CC					
Kansas City KCC					
Labette CC					
Manhattan Area TC					
Neosho County CC	ECON 200	3	Richard Webber	Y	Y
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	EC2223	3	Hiran Gunasekara	Y	Y
Wichita Area TC	ECO 110	3	Todd Kelley	Y	Y
			TOTALS	9	9
Emporia St. U.			Rob Catlett	Y	Y
Fort Hays St. U.					
Kansas St. U.	ECON 120	3	Mohaned Al-Hamdi	Y	Y
Pittsburg St. U.	ECON 200	3	June Freund	Y	Y
U. Of Kansas	ECON 142	3	Neal Becker	Y	Y
Washburn U.	EC 200	3	Paul Byrne	Y	Y
Wichita St. U.	ECON 202	3	Jodi Pelkowski	Y	Y
			TOTALS	6	6

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Explain the economic way of thinking by applying the following: scarcity, specialization, opportunity cost, marginal analysis, and production possibility.
2. Apply the supply and demand model and elasticity for economic analysis.
3. Analyze relationship between production and cost as it pertains to total, average, and marginal costs.
4. Compare and contrast the operation of different market structures.
5. Critique the causes and effects of market failures.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:** None

**Chair for 2014:** Noreen Templin, Butler Community College

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The Economics Core Outcomes Committee met September 27, 2013, in Manhattan, Kansas. This was the second annual meeting for the group. The charge to the committee was to 1) devise a list of suggested course outcomes for Intermediate Microeconomics if the group deemed this necessary, and 2) re-approve without modification the existing course outcomes for the Principles of Microeconomics courses, or modify them as appropriate so that outcomes were better-tailored to meeting the needs of students advancing on to take intermediate level economics courses.

There were nine community college representatives and six 4-year representatives present. Noreen Templin representing Butler Community College acted as Chair of the Core Outcomes Group. KBOR Transfer and Articulation Council Liaison was Nathan Stanley from Neosho County Community College.

The first orders of business were to elect a KCOG chair for the next meeting in 2014-2015 and to appoint a recorder. Noreen Templin was unanimously re-elected. Nathan Stanley, Neosho County Community College, volunteered to be recorder.

The meeting began with an informal discussion of the type of students that enroll in intermediate level microeconomics courses. The general consensus was that 80-90% of the undergraduate student body would not need to take an intermediate level economics course, and so the group deemed it unnecessary to adopt or suggest course outcomes for Intermediate Microeconomics, given that KCOG is focused on general education courses rather than advanced major-specific courses. In fact, the group concluded that the majority of students across the state do not advance on to take intermediate-level Microeconomics after completing

an introductory economics course. A representative from Emporia State University handed out copies of Emporia's syllabi for Intermediate Microeconomics for discussion purposes. During the course of this discussion, the group was asked to vote again on the course outcomes for the Principles of Microeconomics courses that were approved last year. Among those present, the vote in favor of keeping the existing course outcomes, without modification, was unanimous.

**Discipline: Economics**

**Kansas Regents System Number (KRSN) and Title: ECO 1020-Macroeconomics**

**Chair/Facilitator(s): Noreen Templin, Butler Community College**

**Transfer and Articulation Council Liaison: Nathan Stanley, Neosho Community College**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC					
Barton County CC	ECON 1610	3	Kathy Boeger	Y	Y
Butler CC	EC 201	3	Noreen Templin	Y	Y
Cloud County CC	EC 101	3	Cathy Forshee	Y	Y
Coffeyville CC					
Colby CC					
Cowley County CC					
Dodge City CC					
Flint Hills TC					
Fort Scott CC	ECO 2023	3	Debra Cummings	Y	Y
Garden City CC	ECON 111	3	Chip Marcy	Y	Y
Highland CC					
Hutchinson CC					
Independence CC	BUS 2033	3	John Eubanks	Y	Y
Johnson County CC					
Kansas City KCC					
Labette CC					
Manhattan Area TC					
Neosho County CC	ECON 201	3	Richard Webber	Y	Y
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	EC2213	3	Hiran Gunasekara	Y	Y
Wichita Area TC	ECO 105	3	Todd Kelley	Y	Y
			TOTALS	9	9
Emporia St. U.			Rob Catlett	Y	Y
Fort Hays St. U.					

Kansas St. U.	ECON 202	3	Mohaned Al-Hamdi	Y	Y
Pittsburg St. U.	ECON 201	3	June Freund	Y	Y
U. Of Kansas	ECON 144	3	Neal Becker	Y	Y
Washburn U.	EC 201	3	Paul Byrne	Y	Y
Wichita St. U.	ECON 201	3	Jodi Pelkowski	Y	Y
			TOTALS	6	6

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Explain the economic way of thinking by applying the following: scarcity, specialization, opportunity cost, marginal analysis, and production possibility.
2. Apply the supply and demand model for economic analysis.
3. Define the key macroeconomic indicators used to measure the performance of the aggregate economy including output, price level, and employment.
4. Utilize the aggregate demand and aggregate supply model to explain the amount of goods/services produced, the level of unemployment, and price level.
5. Define fiscal policy, budget deficits, and the national debt and explain their impact on the macroeconomy.
6. Define money, banking, and monetary policy and explain their impact on the macroeconomy.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:** None

**Chair for 2014:** Noreen Templin, Butler Community College

**Comments:**

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The meeting began with an informal discussion of the type of students that enroll in intermediate level macroeconomics courses. The general consensus was that 80-90% of the undergraduate student body would not need to take an intermediate level economics course, and so the group deemed it unnecessary to adopt or suggest course outcomes for Intermediate Macroeconomics, given that KCOG is focused on general education courses rather than advanced major-specific courses. In fact, the group concluded that the majority of students across the state do not advance on to take intermediate-level Macroeconomics after completing an introductory economics course. A representative from Emporia State University handed out copies of Emporia's syllabi for Intermediate Macroeconomics for discussion purposes.

During the course of this discussion, the group was asked to vote again on the course outcomes for the Principles of Macroeconomics courses that were approved last year. Among those present, the vote in favor of keeping the existing course outcomes, without modification, was unanimous.

**Discipline: English****Kansas Regents System Number (KRSN) and Title: Eng 1010—English Composition I****Chair/Facilitator(s): William James Buchhorn, Butler Community College****Transfer and Articulation Council Liaison: Brad Will****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	Col 101 Comp R	3	Tracy Lee	Y	Y
Barton County CC	Comp 1204	3	Charles Davis	Y	Y
Butler CC	EG. 101	3	Jim Buchhorn	Y	Y
Cloud County CC	CM 101 English Comp 1	3	Brenton Philips	Y	Y
Coffeyville CC	Engl 101	3	Troy McCloughan	Y	Y
Colby CC	En176 English Composition 1	3	Deb Bickner	Y	Y
Cowley County CC	Eng 2212	3	Ryan Doom	Y	Y
Dodge City CC	Eng 102	3	Jone Holwerda	Y	Y
Flint Hills TC				N	Y
Fort Scott CC	English 101—Comp 1	3	Ronda Bailey	Y	Y
Garden City CC				N	Y
Highland CC	Eng 101—College English	3	Greg Bryant	Y	Y
Hutchinson CC	En 101—Comp 1	3	Bonnie Feeser	Y	Y
Independence CC	Eng-1001-Composition 1	3	Brenda Sanchez	Y	Y
Johnson County CC	Engl 121 Composition 1	3	Keith Greekie	Y	Y
Kansas City KCC	Eng 101—Comp 1	3	James Krajewski	Y	Y
Labette CC	Engl 101	3	Elizabeth Walker	Y	Y
Manhattan Area TC	English Comp 1	3	Marlene Sedillos	Y	Y
Neosho County CC	Engl 101, Engl 125	3, 3	Nancy Hindle	Y	Y
North Central KTC	Com-103 English Comp 1	3	Brenda Leiker	Y	Y
Northwest KTC				N	Y
Pratt CC	English 176 Eng Comp 1	3	Stephanie Wiese	Y	Y
Salina Area TC	English 101 Composition 1	3	Amy Riordan	Y	Y
Seward County CC	English 1103	3	Janice Northern	Y	Y
Wichita Area TC				N	Y
			<b>TOTALS</b>	<b>21</b>	<b>25</b>
Emporia St. U.	Eng 101	3	Chris Blankenship	Y	Y
Fort Hays St. U.	Eng 101	3	Pauline Scott	Y	Y
Kansas St. U.	Engl 100 Expos 1	3	Naomi Wood	Y	Y
Pittsburg St. U.	English 101 English comp	3	Celia Patterson	Y	Y
U. Of Kansas	English 101 Composition	3	Sonya Lancaster	Y	Y
Washburn U.	EN 101	3	Danny Wade	Y	Y
Wichita St. U.	Engl 101	3	Darren Defrain	Y	Y
			<b>TOTALS</b>	<b>7</b>	<b>7</b>

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

**Composition 1**

1. Employ conventions of format, structure, voice, tone, and level of formality to produce writing for specific purposes and audiences as required by various writing situations.
2. Practice ethical means of creating their work while integrating their own ideas with those of others.
3. Demonstrate an ability to fulfill standards of syntax, grammar, punctuation, and spelling for various rhetorical contexts.
4. Apply flexible strategies for prewriting, developing, drafting, revising, editing, and proofreading.
5. Critique their own and others' work.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:  
American Literature 1 and 2**

**Chair for 2014: William James Buchhorn, Butler Community College,  
wbuchhorn@butlercc.edu**

**Comments:**

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**Discipline: English****Kansas Regents System Number (KRSN) and Title: Eng 1020—English Composition II****Chair/Facilitator(s): William James Buchhorn, Butler Community College****Transfer and Articulation Council Liaison: Brad Will****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	Col 102 Comp II	3	Tracy Lee	Y	Y
Barton County CC	Engl 1206	3	Charles Davis	Y	Y
Butler CC	EG. 102	3	Jim Buchhorn	Y	Y
Cloud County CC	CM 102 English Comp II	3	Brenton Philips	Y	Y
Coffeyville CC	Engl 102	3	Troy McCloughan	Y	Y
Colby CC	En177 English Composition II	3	Deb Bickner	Y	N
Cowley County CC	Eng 2214	3	Ryan Doom	Y	Y
Dodge City CC	Eng 103	3	Jone Holwerda	Y	Y
Flint Hills TC				N	Y
Fort Scott CC	English 102—Comp 2	3	Ronda Bailey	Y	Y
Garden City CC				N	Y
Highland CC	Eng 102—College English II	3	Greg Bryant	Y	Y
Hutchinson CC	En 102—Comp II	3	Bonnie Feeser	Y	Y
Independence CC	Eng-1002-Composition II	3	Brenda Sanchez	Y	Y
Johnson County CC	Engl 122 Composition II	3	Keith Greekie	Y	Y
Kansas City KCC	Eng 102	3	James Krajewski	Y	Y
Labette CC	Engl 102	3	Elizabeth Walker	Y	Y
Manhattan Area TC	English Comp II	3	Marlene Sedillos	Y	Y
Neosho County CC	ENGL 289, ENGL 299-Comp II	3	Nancy Hindle	Y	Y
North Central KTC	N/A	3	Brenda Leiker	Y	Y
Northwest KTC				N	Y
Pratt CC	English 177 Eng Comp 2	3	Stephanie Wiese	Y	Y
Salina Area TC	English 102 Composition II	3	Amy Riordan	Y	Y
Seward County CC	English 1113 English Comp II	3	Janice Northerns	Y	Y
Wichita Area TC				N	Y
			TOTALS	21	24
Emporia St. U.	Eng 102	3	Chris Blankenship	Y	Y
Fort Hays St. U.	Eng 102	3	Pauline Scott	Y	Y
Kansas St. U.	Engl 200 Expos 2	3	Naomi Wood	Y	Y
Pittsburg St. U.	English 299 Introduction to Research Writing	3	Celia Patterson	Y	Y
U. Of Kansas	English 102 Critical Reading	3	Sonya Lancaster	Y	Y
Washburn U.	EN IXX Gen Ed Humanities	3	Danny Wade	Y	Y
Wichita St. U.	Engl 102	3	Darren Defrain	Y	Y
			TOTALS	7	7

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**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

**English Composition II-ENG1020 CORE OUTCOMES**

- 1. Compose persuasive or informative texts acknowledging the expectations of specific audiences.**
- 2. Apply research strategies including finding, evaluating, analyzing, and synthesizing sources.**
- 3. Employ an appropriate style for citing and listing sources.**
- 4. Demonstrate the ability to read and think critically about texts.**

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:  
American Literature 1 and 2**

**Chair for 2014: William James Buchhorn, Butler Community College,  
wbuchhorn@butlercc.edu**

**Comments:**

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Kansas Core Outcomes Group Annual Meeting Report  
September 27, 2013

Discipline: GEOGRAPHY

Kansas Regents System Number (KRSN) and Title: Physical Geography

Chair/Facilitator(s): Richard A. Marston, KSU

Transfer and Articulation Council Liaison: Alison Wheatley, KSU

Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	N/A	N/A	Erik Griffith	Y	Y
Barton County CC	Not fully equivalent	3	Gerald Butler	Y	Y
Butler CC	N/A	N/A			
Cloud County CC	N/A	N/A			
Coffeyville CC	N/A	N/A			
Colby CC	N/A	N/A			
Cowley County CC	N/A	N/A			
Dodge City CC	N/A	N/A			
Flint Hills TC	N/A	N/A			
Fort Scott CC	N/A	N/A			
Garden City CC	N/A	N/A	Chip Marcy	N	--
Highland CC	Not fully equivalent	3			
Hutchinson CC	N/A	N/A			
Independence CC	N/A	N/A			
Johnson County CC	GEOS 140 Physical Geography AND GEOS 141 Physical Geography Lab	3 2	Lynne Beatty	Y	Y
Kansas City KCC	Not fully equivalent	3			
Labette CC	N/A	N/A			
Manhattan Area TC	N/A	N/A			
Neosho County CC	N/A	N/A			
North Central KTC	N/A	N/A			
Northwest KTC	N/A	N/A			
Pratt CC	N/A	N/A			
Salina Area TC	N/A	N/A			
Seward County CC	N/A	N/A			
Wichita Area TC	N/A	N/A			
			TOTALS	3/1	3
Emporia St. U.	Not fully equivalent	3			
Fort Hays St. U.	Not fully equivalent	3	John Heinrichs	Y	Y
Kansas St. U.	GEOG 221 Introduction to Physical Geog.	4	Richard Marston	Y	Y
Pittsburg St. U.	Not fully equivalent	3			
U. of Kansas	GEOG 104 Principles of Physical Geography AND GEOG 105 Introductory Laboratory in Physical Geography	3 2	Daniel Hirmas	Y	Y
Washburn U.	Not fully equivalent	3			
Wichita St. U.	N/A				
			TOTALS	3	3

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

The following physical geography classes do not meet the standards because they do not include a one-credit laboratory component.

Barton County CC	PHSC 1404 Physical Geography	3
Highland CC	PS 105 World Physical Geography	3
Kansas City KCC	GEOG 102 Introduction to Physical Geography	3
Emporia St. U.	ES 254 Physical Geography	3
Pittsburg St. U.	GEOG 302 Introduction to Environmental Geography	3
Fort Hays St. U.	GSCI 101: Elements of Physical Geography	3
Washburn U.	GG 201 Environmental Geography	3

#### Core Outcomes for PHYSICAL GEOGRAPHY

Upon completion of this course, students will be able to:

1. Describe the scope of geography and physical geography, the basic terminology, and the fundamental concepts, including the scientific method, that guide current thinking in the field.
2. Describe and explain the processes, materials and forms of the Earth's surface and near-surface systems: the lithosphere, pedosphere, hydrosphere, cryosphere, atmosphere, and biosphere.
3. Acquire and analyze quantitative and qualitative data concerning phenomena in these systems. Such data may include field and lab data, maps, and remotely sensed imagery.
4. Describe and explain the spatial distribution and links among Earth systems phenomena and how they change over time.
5. Analyze how these phenomena create opportunities and constraints for human activities, as well as how human activities impact Earth surface processes, materials, and forms.

Kansas Core Outcome Group Annual Meeting: Geography

16 October 2013

Course identified to be reviewed: Physical Geography

A Total of 6 Geography faculty and 1 TAAC representative attended the meeting.

Community Colleges:

Eric Butler (Allen CC)

Gerald Butler (Barton CC)

Lynne Beatty (Johnson CC)

Universities:

John Heinrichs ((Fort Hays St. U)

Richard Marston (Kansas St. U), chair

Daniel Hirmas (U of Kansas)

TAAC Representative;

Alison Wheatley (Kansas St. U)

Alison Wheatley, TAAC liaison, reviewed the goals of the meeting and the process for achieving the outcome.

Dick Marston, chair, distributed the syllabus and core outcomes for the course he teaches at Kansas State University, a 4-hour "Introduction to Physical Geography." He also distributed the National Geography Standards for Standards 7 and 8 (7: The physical processes that shape the patterns of Earth's surface, and 8: The characteristics and spatial distribution of ecosystems and biomes on Earth's surface). The group decided that 2 of the other Standards were needed for reference: Standards 14 and 15 (14: How human actions modify the physical environment, and 15: How physical systems affect human systems). Wheatley left to make copies of Standards 14 and 15 for the group.

The representatives described the ways in which their courses compared to the National Geography standards, and more specifically, to the 4-hour course that includes a lab at K-State. Only two schools (JCCC and KU) offer labs for Physical Geography, although they offer them as separate courses from the 3-hour Physical Geography course. Representatives from the other schools described trying to offer a minimal laboratory experience within their 3-hour courses, but being dissatisfied with the content they could offer their students.

The group worked on developing the core outcomes for the Physical Geography course. Discussion included Bloom's taxonomy regarding, for example, whether the core outcomes should require students "describe and explain" or "analyze" each component. Ultimately the group agreed on five outcomes. The group discussed whether a Physical Geography course without a significant lab component could meet the core outcomes, and it was decided that only a course that included a lab (for 4 hours), or a course paired with a lab (for at least 4 hours) would meet the core outcomes the group believes belong to this course.

The group decided that Human Geography should be the next reviewed at the Core Outcomes Meeting. Because these geographers would not be those evaluating the core outcomes of Human Geography, they proposed Jeff Smith or Kevin Blake of K-State, or Shannon O'Lear of KU as the chair of next year's committee.

**Discipline: History****Kansas Regents System Number (KRSN) and Title: HIS1010 US History to 1877****Chair/Facilitator(s): Brad Fenwick****Transfer and Articulation Council Liaison: Randy Myers****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	HIS 108 – American History to 1865	3	Steven Lee Dodson	Y	Y
Barton County CC	HIST 1400 – American History to 1877	3	Mike Cox	Y	Y
Butler CC	HS 131 – U.S. History 1	3	Chad Gaudet	Y	N
Cloud County CC					
Coffeyville CC	HIST 101 – Early US History	3	Megan Manley	Y	Y
Colby CC	History 176 – American History to 1865	3	Chris Price	Y	Y
Cowley County CC					
Dodge City CC	HIST 101 – American History I	3	Steve Haynes	Y	Y
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC					
Hutchinson CC	HI 101 – U.S. History, 1492-1865	3	Brad Fenwick	Y	Y
Independence CC	HIST 1023 – US History I	3	Isaias McCaffery	Y	Y
Johnson County CC	HIST 140 – U.S. History To 1877	3	Vincent Clark	Y	Y
Kansas City KCC	HIST 104 – US History To 1877	3	Valdenia Winn	Y	Y
Labette CC	HIST 101 – US History To 1877	3	Tim Miller	Y	Y
Manhattan Area TC					
Neosho County CC	HIST 201 – US History I	3	Mindy Ayers	Y	N
North Central KTC					
Northwest KTC					
Pratt CC	HIST 177 – American History To 1877	3	Rhonda Westerhaus	Y	Y
Salina Area TC					
Seward County CC	HIST 1303 – US History I	3	Gary Damron	Y	Y
Wichita Area TC					
			<b>TOTALS</b>	<b>14</b>	<b>23</b>
Emporia St. U.	HI 111 – US History to 1877	3	Amanda L. Miracle	Y	Y
Fort Hays St. U.	HIST 130 – US History to 1877	3	Kim Perez	Y	Y
Kansas St. U.	HIST 251 – US History to 1877	3	James Sherow	Y	Y

Pittsburg St. U.	HIST 201 – America To 1865	3	John Daley	Y	Y
U. Of Kansas	HIST 128 – History of the United States through the Civil War	3	Sara Gregg	Y	Y
Washburn U.					
Wichita St. U.	HIST 131 – History of the United States: Colonial to 1865	3	George Dehner	Y	Y
			TOTALS	6	7

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

A. Demonstrate Basic Skills and Tools of the Historians' Craft

1. Demonstrate the ability to analyze, synthesize, and evaluate historical information
2. Demonstrate research and writing skills, including the ability to
  - a) Interpret primary and secondary sources
  - b) Evaluate the validity of sources
  - c) Analyze historical perspectives
  - d) Recognize change over time

B. Recognize that US History is influenced by ethnicity, race, class, gender, and environment among other factors. With this awareness, students will:

1. Describe major indigenous cultures of North America and evaluate their impact
2. Describe and analyze significant political, social, economic, and diplomatic developments of the European exploration and colonization of North America
3. Trace and evaluate causes, developments and consequences of the American Revolution
4. Describe and analyze significant events in the creation of the American Republic
5. Describe and analyze significant political, social, economic, and diplomatic developments of the Early Republic
6. Describe and analyze significant political, social, economic, and diplomatic developments, including territorial expansion and sectionalism, of antebellum America
7. Trace and evaluate causes, developments and consequences of the Civil War
8. Describe the era of Reconstruction and evaluate its impact

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The factors listed in point B should be viewed as a lens through which US History is understood, rather than as points of assessment.

**Discipline: History****Kansas Regents System Number (KRSN) and Title: HIS1020 US History since 1877****Chair/Facilitator(s): Brad Fenwick****Transfer and Articulation Council Liaison: Randy Myers****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	HIS 109 – American History from 1865	3	Steven Lee Dodson	Y	Y
Barton County CC	HIST 1402 – American History 1877 to Present	3	Mike Cox	Y	Y
Butler CC	HS 132 – U.S. History 2	3	Chad Gaudet	Y	N
Cloud County CC					
Coffeyville CC	HIST 102 – Recent US History	3	Megan Manley	Y	Y
Colby CC	History 177 – American History Since 1865	3	Chris Price	Y	Y
Cowley County CC					
Dodge City CC	HIST 102 – American History II	3	Steve Haynes	Y	Y
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC					
Hutchinson CC	HI 102 – U.S. History, 1865-Present	3	Brad Fenwick	Y	Y
Independence CC	HIST 1063 – US History II	3	Isaias McCaffery	Y	Y
Johnson County CC	HIST 141 – U.S. History Since 1877	3	Vincent Clark	Y	Y
Kansas City KCC	HIST 105 – US History Since 1877	3	Valdenia Winn	Y	Y
Labette CC	HIST 102 – US History Since 1877	3	Tim Miller	Y	Y
Manhattan Area TC					
Neosho County CC	HIST 202 – US History II	3	Mindy Ayers	Y	N
North Central KTC					
Northwest KTC					
Pratt CC	HIST 177 – American History Since 1877	3	Rhonda Westerhaus	Y	Y
Salina Area TC					
Seward County CC	HIST 1313 – US History II	3	Gary Damron	Y	Y
Wichita Area TC					
			<b>TOTALS</b>	<b>14</b>	<b>23</b>

Emporia St. U.	HI 112 – US History 1877-Present	3	Amanda L. Miracle	Y	Y
Fort Hays St. U.	HIST 131 – US History Since 1877	3	Kim Perez	Y	Y
Kansas St. U.	HIST 252 – US History Since 1877	3	James Sherow	Y	Y
Pittsburg St. U.	HIST 202 – America Since 1865	3	John Daley	Y	Y
U. Of Kansas	HIST 129 – History of the United States after the Civil War	3	Sara Gregg	Y	Y
Washburn U.					
Wichita St. U.	HIST 132 – History of the United States Since 1865	3	George Dehner	Y	Y
			TOTALS	6	7

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

A. Demonstrate Basic Skills and Tools of the Historians' Craft

1. Demonstrate the ability to analyze, synthesize, and evaluate historical information
2. Demonstrate research and writing skills, including the ability to
  - a) Interpret primary and secondary sources
  - b) Evaluate the validity of sources
  - c) Analyze historical perspectives
  - d) Recognize change over time

B. Recognize that US History is influenced by ethnicity, race, class, gender, and environment among other factors. With this awareness, students will:

1. Describe the era of Reconstruction and evaluate its impact
2. Describe and analyze causes, course, and effects of American imperialism
3. Describe and analyze significant political, social, economic, and diplomatic developments, including reform movements, of modern industrial America
4. Trace and evaluate causes, developments, and consequences of World War I
5. Describe and analyze significant political, social, economic, and diplomatic developments of the interwar years
6. Describe causes, course, and consequences of the Great Depression and New Deal and evaluate their impact
7. Trace and evaluate causes, developments, and consequences of World War II
8. Describe and analyze significant political, social, economic developments of postwar America
9. Describe and analyze the international role of the United States in the Cold War Era world
10. Describe and analyze significant political, social, and economic developments that transformed America beginning with the modern Civil Rights movements
11. Describe and analyze post-Cold War political, social, economic, and diplomatic developments

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The factors listed in point B should be viewed as a lens through which US History is understood, rather than as points of assessment.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:  
World Civilization, 1500-Present**

**Chair for 2014: Brad Fenwick**

**Discipline: Mathematics****Kansas Regents System Number (KRSN) and Title: MAT1020 Elementary Statistics****Chair/Facilitator(s): Paul Walcher****Transfer and Articulation Council Liaison: Mike Ahearn (William Ivy could not attend)****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	MAT 115: Elementary Statistics	3	Doug Joseph	Y	Y
Barton County CC	STAT 1829: Elements of Statistics	3	Joseph Harrington	Y	Y
Butler CC	MA 210: Applied Statistics	3	Donna Gorton	Y	Y
Cloud County CC	MA 114: Elementary Statistics	3	Mark Whisler	Y	Y
Coffeyville CC	MATH 250: Elementary Statistics	3	Kendall Payne	Y	Y
Colby CC	MA 205: Statistics	3	John Olson	Y	Y
Cowley County CC	MTH 4423: Elementary Statistics	3	Uwe Conrad	Y	Y
Dodge City CC	MATH 230: Elementary Statistics	3	Dylan Faullin	Y	Y
Flint Hills TC				N	Y
Fort Scott CC	MAT 2253: Elementary Statistics	3	DeAnn VanLuyck	Y	Y
Garden City CC	MATH 110: Fundamentals of Stat.	3		N	Y
Highland CC	MAT 203: Basic Statistics	3	Lauren Jacobs	Y	Y
Hutchinson CC	MA 108: Elements of Statistics	3	Pam Turner	Y	Y
Independence CC	MAT 1103: Elementary Statistics	3		N	Y
Johnson County CC	MATH 181: Statistics	3	Steven Wilson	Y	Y
Kansas City KCC	MATH 115: Statistics	3		N	Y
Labette CC	MATH 120: Elementary Statistics	3	Alan Pommier	Y	Y
Manhattan Area TC	MAT 145: Elementary Statistics	3	Janelle Phillips	Y	Y
Neosho County CC	MATH 143: Elementary Statistics	3	Paul Walcher	Y	Y
North Central KTC			Mark Pahls	Y	Y
Northwest KTC	MATH 180: Statistics	3		N	Y
Pratt CC	MTH 181 Statistics	3	Roy Clark	Y	Y
Salina Area TC				N	Y
Seward County CC	MA 2103 Elementary Statistics	3	Luke Dowell	Y	Y
Wichita Area TC	MTH 120: Elementary Statistics	3		N	Y
			TOTALS		
Emporia St. U.	MA 120: Intro. to Statistics	3	Larry Scott	Y	Y
Fort Hays St. U.	Math 250: Elements of Statistics	3	Mohammad Riazi	Y	Y
Kansas St. U.	STAT 325: Intro. to Statistics	3	John Maginnis	Y	Y
Pittsburg St. U.			Tim Flood	Y	N
U. Of Kansas	MATH 365 Elementary Statistics	3	Margaret Bayer	Y	Y
Washburn U.				N	Y
Wichita St. U.	Intro to Statistics	3		Y	N
			TOTALS		

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Students will be expected to use appropriate technology as one tool to achieve the following outcomes:

**Basic Descriptive Statistics: Organizing and describing data**

- Define and distinguish between categorical (qualitative) and numerical (quantitative) data.
- Distinguish between data from an observational study and data from a designed experiment.
- Organize data in frequency tables and contingency tables.
- For a given set of data, construct appropriate graphical displays of qualitative and quantitative data
- Describe the general shape of data, skewed left, skewed right, normal or other symmetric.
- Calculate the measures of central tendency including mean and median.
- Calculate the measures of dispersion including range, standard deviation, variance, and interquartile range; explain the meaning of dispersion as it relates to a problem.
- Use a statistical package on a graphics calculator or a computer to enter data and analyze results.
- Measure the position of a data point by computing a percentile

**Introduction to Probability: Finding the theoretical probability of an event**

- Use probability notation including the “or” condition and the “and” condition.
- Determine whether or not two events are mutually exclusive.
- Determine whether or not two events are independent.
- Calculate the probability of compound events.
- Calculate conditional probabilities; explain the meaning of conditional probabilities.

**Random Variables: Determining probabilities of a random variable**

- Distinguish between discrete and continuous random variables.
- Find and interpret the mean and the standard deviation of a probability distribution.
- Recognize Bernoulli populations.
- Use the normal distribution to solve percent problems for normally distributed populations.
- Use the normal distribution to solve probability problems for normally distributed random variables.

**Random Sampling and Sampling Theory: Generating distributions for sample means**

- Calculate the mean for a distribution of sample means.

- Calculate the standard deviation for a distribution of sample means.
- Assess normality of a set of data.
- Demonstrate the use of the Central Limit Theorem and explain its importance.

### **Estimating the Mean**

- Construct confidence intervals for a population mean and a difference of two population means and interpret them in context.
- Construct confidence intervals for a population proportion and a difference of two population proportions and interpret them in context.

### **Using Hypothesis Tests**

- Perform hypothesis tests for a population mean and a difference of two population means and interpret results.
- Perform a hypothesis test for a population proportion and a difference of two population proportions and interpret results.
- Explain Type I error, Type II error, p-value, significance level and power of test in context.
- Perform Chi-squared tests.

### **Linear Regression: Making predictions with linear data**

- Create a scatter plot and calculate a correlation coefficient for bivariate data.
- Construct a linear regression equation, interpret the results, and test significance of slope.
- Use a linear regression equation to make predictions about data.
- Calculate the coefficient of determination for a linear regression equation and interpret results.

### **Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Trigonometry

Math for Liberal Arts will be discussed.

Elementary Statistics, the prerequisite statement in the comments will be re-addressed.

### **Chair for 2014:**

Paul Walcher

### **Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The prerequisite for this course is College Algebra, an equivalent, or a higher course.

## Kansas Core Outcomes for Math Minutes of October 2013 meeting

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**Discipline: Mathematics**

**Courses Discussed (and any modification): Elementary Statistics and Math for Liberal Arts**

**Minutes:**

Paul Walcher called the meeting to order at 9:00 AM. Introductions were made and role was recorded by the chair. Mark Whisler of Cloud County Community College volunteered to be recorder.

The next two hours and 30 minutes (with a 20 minute break from 10:50 – 11:10am) were spent going through the list of suggested competencies for Elementary Statistics and discussing them line by line.

Much discussion centered on the last set of competencies dealing with regression. Language was altered to meet the agreement of the group with two main exceptions. Tim Flood of Pittsburg State University reported that PSU could not approve a list of outcomes that had College Algebra as a prerequisite. Paul Scheuerman of Wichita State University reported that WSU could not approve a list that did not include certain additional material required to satisfy various programs at WSU.

A vote was taken to either approve or reject the updated list with the College Algebra requirement and without the extra material. For Regent's Universities the vote was 5 to approve and 2 to reject.

Washburn did not attend. For community and technical colleges the vote was unanimous to approve.

Not attending were Flint Hills Technical College, Garden City Community College, Independence Community College, Kansas City Kansas Community College, Northwest Kansas Technical College, Salina Area Technical College, and Wichita Area Technical College.

By KBOR rules the updated list of competencies was approved.

The remaining portion of the time was spent discussing the proposed Math for Liberal arts course. It was noted that college mathematics is getting bad press because of the perceived lack of application of College Algebra even though it is a required course (see New York Times article: [Is Algebra Necessary?](#)).

A more application-based course might help with this. One of the biggest perceived obstacles to overcome is getting relevant programs to accept a different required course than College Algebra.

Discussion on this course will continue at the next meeting.

It was decided to discuss Trigonometry at the 2014 meeting and have more discussion on the Math for Liberal Arts course.

Paul Walcher was confirmed as chair for another year.

Discipline: Modern Languages: French

Kansas Regents System Number (KRSN) and Title: FRN1010 French I

Chair/Facilitator(s): Melinda Cro, Kansas St. U.

Transfer and Articulation Council Liaison: Sara Rosen, KU

Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	N/A	N/A	Christina Sewell	Y	Y
Barton County CC	LANG 1914 Elementary French I	5	Kimberly Hoglund	Y	Y
Butler CC					
Cloud County CC					
Coffeyville CC					
Colby CC					
Cowley County CC					
Dodge City CC					
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC					
Hutchinson CC	FR 101 Elementary French I	5	Dan Pohl	Y	Y
Independence CC					
Johnson County CC	FL 140 Elementary French I	5	Janette Funaro	Y	Y
Kansas City KCC	LANG 0101 French I	5	Bruno Wambi	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC					
Wichita Area TC					
			TOTALS	5	5
Emporia St. U.	FR 110 French Lang. & Culture I	5	Roxane Riegler	Y	Y
Fort Hays St. U.					
Kansas St. U.	FREN 111 French I	5	Melinda Cro	Y	Y
Pittsburg St. U.	MLL 124 French Lang. & Culture I	5	Eric Rojas	Y	Y
U. Of Kansas	FREN 110 Elementary French I	5	Kim Swanson	Y	Y
Washburn U.					
Wichita St. U.	FREN 111 French I	5	Hetty Bailey	Y	Y
			TOTALS	5	5

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Converse and present in French at sentence level about self, family and friends, preferences, and routine activities in the present, *passé composé*, and *futur proche*; ask and answer elementary questions and formulate simple opinions.
2. Write simple paragraphs in French on self, family and friends, preferences, and routine activities in the present, *passé composé*, and *futur proche*, recombining learned vocabulary and structures.
3. Demonstrate comprehension of contextualized aural input in French in highly predictable situations and on learned topics through speaking and/or writing in French.
4. Demonstrate comprehension of contextualized written material in French on learned topics through speaking and/or writing in French.
5. Compare and contrast aspects of French and Francophone cultures with one's own culture.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

French II (and possibly French III if time allows)

**Chair for 2014: Janette Funaro**

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

**Discipline: Spanish**

**Kansas Regents System Number (KRSN) and Title: SPA1020 Spanish II**

**Chair/Facilitator(s): Angélique Courbou**

**Transfer and Articulation Council Liaison: Abby Coffin**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	SPA 102/FLA 102 – Elementary Spanish II	5	Regena Aye	Y	Y
Barton County CC	LANG 1910 - Elementary Spanish II	5	Haven Krueger	Y	Y
Butler CC	FL 108 – Beginning Spanish II	5	Calisa Marlar	Y	Y
Cloud County CC					
Coffeyville CC	FLNG 104 – Spanish II	5	Johnie Greenfield	Y	Y
Colby CC					
Cowley County CC	FOL 2331 – Spanish II	5	Amy McWhirt	Y	Y
Dodge City CC	LANG 104 – Elementary Spanish II	5	Melanie Parry	Y	Y
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC	LG 102 – Spanish II	5	Randa Arnett	Y	Y
Hutchinson CC	SP 102 – Elementary Spanish II	5	Ryan Diehl	Y	Y
Independence CC	FRL 1035 – Spanish II	5	Camelia Jadic	Y	Y
Johnson County CC	FL 131 – Elementary Spanish II	5	Luz María Alvarez	Y	Y
Kansas City KCC	LANG 0142 – Spanish II	5	Awilda Olson	Y	Y
Labelle CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC					
Wichita Area TC					
			<b>TOTALS</b>	<b>11</b>	<b>11</b>
Emporia St. U.					
Fort Hays St. U.	MLNG 226 – Beginning Spanish	5	Dan Kulmala	Y	Y
Kansas St. U.	SPAN 162 – Spanish II	5	Angélique Courbou	Y	Y
Pittsburg St. U.	MLL 158 – Spanish Language and Culture II	5	Grant Moss	Y	Y
U. Of Kansas	SPAN 108 – Elementary Spanish II or SPAN 111 – Intensive Elementary Spanish	5 5	Megan Migliazzo	Y	Y
Washburn U.	SP 102 Beginning Spanish II Or SP 105 – Intensive Beginning Spanish I and II	4 8	Georgina Terry	Y	Y
Wichita St. U.	SPAN 112 – Elementary Spanish II	5	Eunice Myers	Y	Y
			<b>TOTALS</b>	<b>6</b>	<b>6</b>

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Converse in Spanish at phrase/sentence level using everyday vocabulary to convey and request basic information related to personal and course topics.
2. Write connected strings of sentences in Spanish by recombining learned vocabulary and structures.
3. Produce an appropriate response to Spanish aural input in predictable personal and social contexts.
4. Demonstrate comprehension of highly contextualized written material in Spanish through speaking, writing or other appropriate response.
5. Demonstrate a basic understanding of temporal references (past, present, and future) through speaking, writing, listening, and reading.
6. Demonstrate sensitivity to Spanish-speaking cultures.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Spanish III and IV

**Chair for 2014:** Angélique Courbou

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The group recommends further discussion regarding scope and sequence for Spanish I and II. Core outcomes for Spanish III (and IV if time allows) should be articulated as well as the issue of number of credits for these levels across institutions.

**Discipline:** Spanish

**Kansas Regents System Number (KRSN) and Title:** SPA1020 Spanish II

**Chair/Facilitator(s): Angélique Courbou**  
**Transfer and Articulation Council Liaison: Abby Coffin**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	SPA 102/FLA 102 – Elementary Spanish II	5	Regena Aye	Y	Y
Barton County CC	LANG 1910 - Elementary Spanish II	5	Haven Krueger	Y	Y
Butler CC	FL 108 – Beginning Spanish II	5	Calisa Marlar	Y	Y
Cloud County CC					
Coffeyville CC	FLNG 104 – Spanish II	5	Johnnie Greenfield	Y	Y
Colby CC					
Cowley County CC	FOL 2331 – Spanish II	5	Amy McWhirt	Y	Y
Dodge City CC	LANG 104 – Elementary Spanish II	5	Melanie Parry	Y	Y
Flint Hills TC					
Fort Scott CC					
Garden City CC					
Highland CC	LG 102 – Spanish II	5	Randa Arnett	Y	Y
Hutchinson CC	SP 102 – Elementary Spanish II	5	Ryan Diehl	Y	Y
Independence CC	FRL 1035 – Spanish II	5	Camelia Jadic	Y	Y
Johnson County CC	FL 131 – Elementary Spanish II	5	Luz María Alvarez	Y	Y
Kansas City KCC	LANG 0142 – Spanish II	5	Awilda Olson	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC					
Wichita Area TC					
			<b>TOTALS</b>	<b>11</b>	<b>11</b>
Emporia St. U.					
Fort Hays St. U.	MLNG 226 – Beginning Spanish	5	Dan Kulmala	Y	Y
Kansas St. U.	SPAN 162 – Spanish II	5	Angélique Courbou	Y	Y
Pittsburg St. U.	MLL 158 – Spanish Language and Culture II	5	Grant Moss	Y	Y
U. Of Kansas	SPAN 108 – Elementary Spanish II or SPAN 111 – Intensive Elementary Spanish	5 5	Megan Migliazzo	Y	Y
Washburn U.	SP 102 Beginning Spanish II Or SP 105 – Intensive Beginning Spanish I and II	4 8	Georgina Terry	Y	Y
Wichita St. U.	SPAN 112 – Elementary Spanish II	5	Eunice Myers	Y	Y
			<b>TOTALS</b>	<b>6</b>	<b>6</b>

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Converse in Spanish at phrase/sentence level using everyday vocabulary to convey and request basic information related to personal and course topics.
2. Write connected strings of sentences in Spanish by recombining learned vocabulary and structures.
3. Produce an appropriate response to Spanish aural input in predictable personal and social contexts.
4. Demonstrate comprehension of highly contextualized written material in Spanish through speaking, writing or other appropriate response.
5. Demonstrate a basic understanding of temporal references (past, present, and future) through speaking, writing, listening, and reading.
6. Demonstrate sensitivity to Spanish-speaking cultures.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Spanish III and IV

**Chair for 2014:** Angélique Courbou

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The group recommends further discussion regarding scope and sequence for Spanish I and II. Core outcomes for Spanish III (and IV if time allows) should be articulated as well as the issue of number of credits for these levels across institutions.

**Discipline: Music****Kansas Regents System Number (KRSN) and Title: MUS1020 Music Theory I****Chair/Facilitator(s): David Smith****Transfer and Articulation Council Liaison: Penny Quinn****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	MUS 102 Music Theory I	3	Ted Clous	Y	Y
Barton County CC	MUSI 1018 Harmony I	3	Steve Lueth	Y	Y
Butler CC	MU 111 Theory of Music I	4	Henry Waters	Y	Y
Cloud County CC	MU 110 Harmony & Ear Training I	4	Patrick Sieben	Y	Y
Coffeyville CC					
Colby CC					
Cowley County CC	MUSI 2620 Music Theory I	3	Lindsay Allen	Y	Y
Dodge City CC	MUSC 111 Music Theory I	3	Joel Thomas	Y	Y
Flint Hills TC					
Fort Scott CC	Music Theory I	3	Michael Dzbenksi	Y	Y
Garden City CC					
Highland CC					
Hutchinson CC	MUSI 106 Music Theory I	3	Jeff Pelischele	Y	Y
Independence CC					
Johnson County CC	MUS 141 Music Theory I	3	Terri Teal	Y	Y
Kansas City KCC	MUSI 111 Music Theory I	3	Jerry Pope	Y	Y
Labette CC	Music Theory I	3	Seth Roach	Y	Y
Manhattan Area TC					
Neosho County CC	MUSI 104 Theory Block I	4	David Smith	Y	Y
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	Music Theory I	3	Darin Workman	Y	Y
Wichita Area TC					
			TOTALS	Y-13, N-0	Y-13, N-0
Emporia St. U.	MU 118 Music Theory I	3	Allen Comstock	Y	Y
Fort Hays St. U.	MUS 181 Music Theory I	3	Timothy Rolls	Y	N
Kansas St. U.	MUS 201 Music Theory I	3	Kurt Gartner	Y	Y

Pittsburg St. U.	MUSI 111 Aural Skills and Theory I	4	John Ross	Y	Y
U. Of Kansas	MTHC 105 Music Theory I	4	Scott Murphy	Y	Y
Washburn U.	MU 215 Music Theory I	4	Tom Morgan	Y	Y
Wichita St. U.	MUSC 127 Music Theory I	2	Dean Roush	Y	Y
			TOTALS	Y-7, N-0	Y-6, N-1

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Notate rhythmic patterns in common simple and compound meters (duple, triple, and quadruple).
2. Identify and write simple and compound intervals, diatonic triads and seventh chords in all positions, and in treble, bass, alto, and tenor clef.
3. Demonstrate fluency in the construction of all major and minor scales and key signatures.
4. Analyze and construct chords using Roman numerals and figured bass.
5. Demonstrate the integration of common-practice diatonic harmonic and voice-leading principles, including the use of passing and neighboring tones.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Ear Training/Sight Singing I

**Chair for 2014:** Dr. Terri Teal, Johnson County Community College

**Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

The facilitator, David Smith, called the meeting to order shortly after 9 a.m. and welcomed all participants. Subsequently, participants identified themselves by name, school, and the music courses they teach. Smith projected the proposed agenda on a large screen. The group's consensus was to only discuss Music Theory I and Music Theory II if time allowed. After this small change, the agenda was adopted as amended.

The discussion began with information about how outcomes differ from course objectives and course materials. The following points were emphasized. First, core outcomes must be measurable, and must be stated using active verbs that are measurable. Then, course outlines are not limited to core outcomes; but, core outcomes must be present in the course regardless of school

or program.

The question arose about testing for theory placement. Penny Quinn read from the official KBOR and KCO documents, indicating that the goal was the transfer from one Kansas institution to another of courses with core outcomes. The general consensus seemed to be that while this goal might be reachable with Theory I and II, there was skepticism about Theory III and IV.

Most of the meeting was then spent in a lively discussion about what participants thought the core outcomes of Theory I should be. There was considerable debate regarding how to word the core outcomes, given individual teaching methods and materials, and even occasionally terminology. A special area of quandary concerned whether to teach voice leading with counterpoint (as the Clendinning/Marvin textbook does) or with part writing in four parts as is more traditional. Voting on the outcomes was in writing. Nineteen of twenty participants agreed to the outcomes.

Concerns to be addressed include the following: varying numbers of course hours from school to school and how to deal with transfer when some programs have written theory and aural skills as one course and others have them separately.

There was brief discussion about whether next year's course should be Theory II or Aural Skills I. Participants voted 17 to 3 in favor of Aural Skills I.

Smith explained the duties of chairs of core outcomes meetings. In lieu of continued silence, Terri Teal agreed to chair next year's meeting. The place for that meeting is not yet known. After thanking the participants for their hard work, Smith adjourned the meeting.

Respectfully submitted,  
Terri Teal

**Discipline: Philosophy/Ethics**

**Kansas Regents System Number (KRSN) and Title: PHL1030 Logic and Critical Thinking**

**Chair/Facilitator(s): Dennis Arjo**

**Transfer and Articulation Council Liaison: Linnea Glenmayer**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	NA		Bob Reavis	Y	Y
Barton County CC	PHIL 1605 Reason and Argument	3	Gil Cloud	Y	Y
Butler CC	NA		Susan Bradley	Y	Y
Cloud County CC	PH 101 Introduction to Critical Thinking	3	Pete Pelligrin	N	Y
Coffeyville CC	NA		Brad Weber	N	Y
Colby CC	NA			N	Y
Cowley County CC	NA			N	Y
Dodge City CC	NA			N	Y
Flint Hills TC	NA			N	Y
Fort Scott CC	NA		Greg Turner	Y	Y
Garden City CC	Phil 101 Logic and Critical Thinking	3		N	Y
Highland CC	NA			N	Y
Hutchinson CC	NA		Charles Kerschen	Y	Y
Independence CC	NA		Heather Mydosh	Y	Y
Johnson County CC	Phil 124 Logic and Critical Thinking	3	Dennis Arjo	Y	Y
Kansas City KCC	Phil 105 Logic	3	Mario Ramos-Reyes	Y	Y
Labette CC	Phil 104 Introduction to Logic	3	Tom Duran	Y	Y
Manhattan Area TC	NA			N	Y
Neosho County CC	Hum 102 Logic and Critical Thinking	3	Ruth Zollars	Y	Y
North Central KTC	NA			N	Y
Northwest KTC	NA			N	Y
Pratt CC	NA			N	Y
Salina Area TC	NA			N	Y
Seward County CC	NA		Gary Damron	N	Y
Wichita Area TC	Introduction to Logic	3	Lynn Vorak	Y	Y
			TOTALS	11 Y, 14 N	Y
Emporia St. U.	PI 3012 Basic Logic	3	C. E. Emmer	Y	Y
Fort Hays St. U.	Phil 100 General Logic	3	Gene Rice	Y	Y
Kansas St. U.	Phil 105 Introduction to Critical Thinking	3	Salvatore Florio	Y	Y

Pittsburg St. U.	Phil 208 Logic and Critical Thinking	3	James McBain	Y	Y
U. Of Kansas	Phil 148 Reason and Argument	3	Erin Frykholm	Y	Y
Washburn U.	PH 104 Freshman Logic	3	Ian Smith	Y	Y
Wichita St. U.	Phil 125 Introductory Logic	3	Noell Birondo	Y	Y
			TOTALS	6 Y	Y

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

Core Competencies for Logic and Critical Thinking

By its nature, Philosophy encourages diverse approaches to teaching, and so it is to be expected that different programs and different instructors will approach a Critical Thinking course in a variety of different ways. Consequently, a broad consensus on details of content is not to be expected. However, students will become familiar with the basic concepts and methods of philosophical reasoning and their application in correct reasoning. Students will:

- I. Recognize the difference between arguments and non-arguments.
  - A. Students will distinguish between an argument and an explanation, report, or illustration.
  - B. Students will identify the premises and the conclusion of arguments.
  - C. Students will recognize components of language and language use relevant to reasoning such as mean, definition, emotive force, denotation and connotation.
- II. Identify and explain the components of informal reasoning
  - A. The student will be able to recognize and define informal fallacies
  - B. The student will be able to demonstrate an understanding of, and the ability to evaluate, inductive arguments such as analogical and probabilistic reasoning.
  - C. Students will evaluate the cogency of arguments in specialized areas such as legal, moral, or scientific reasoning.
- III. Identify and apply the basic concepts of logical discourse.
  - A. Students will distinguish formal from informal arguments.
  - B. Students will distinguish deductive validity and soundness and be able to evaluate arguments for each.
  - C. The student will be able to recognize basic argument forms such as modus ponens, modus tollens, disjunctive syllogism, chain, etc.
- IV. Recognize the basic concepts of propositional logic.

- A. The student will be able to symbolize natural language arguments in propositional logic.
- B. The student will be able to use truth tables to evaluate the validity/invalidity of arguments in statement logic.
- C. Students will demonstrate familiarity with and the ability to use logical operators.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

**Philosophy of Religion**

**Chair for 2014: Dennis Arjo**

**Comments:** *Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

**Kansas Core Outcomes Group**

**September 27, 2013**

**Discipline: Physics, Course Physical Science/Lab**

**Chair/Facilitator: Gavin Buffington, Fort Hays State University**

**TAAC Liaison: Joey Linn, Fort Hays State University**

**Meeting Minutes:**

A total of **22** Physics faculty attended the meeting. **14** from Kansas Community Colleges, **2** Technical Colleges and **5** from KBOR Universities plus Washburn.

**The following faculty attended the meeting from Kansas Community Colleges:**

Allen County CC:	Les Thomas
Barton County CC:	Tim Folkerts
Butler County CC:	Jonathan Penley
Cloud County CC:	Dennis Smith
Coffeyville CC:	Ryan Willis
Colby CC:	Brent Wilson
Cowley County CC:	Martin Shaffer
Dodge City CC:	Steve Crane
Flint Hills TC:	Brad Karr
Fort Scott CC:	Elie Riachi
Hutchinson CC:	Dan Smith
Independence CC:	Mona Saleh
Johnson County CC:	Sandra Finnicum
Labette CC:	David Beach
Seward County CC:	Jolie Griffin
Wichita Area TC:	Vrenda Pritchard

**The following faculty attended the meeting from the KBOR universities and Washburn:**

Emporia State U:	Jorge Ballester
Fort Hays State U:	Gavin Buffington
Kansas State U:	Mick O'Shea
Pittsburg State U:	David Kuehn
Univ. of Kansas:	Chris Fischer
Washburn:	Brian Thomas

The Physics course that was examined by the above faculty was Physical Science/Lab.

Joey Linn, TAAC Liaison, gave a very brief overview of the scope of the project and explained how the process will work.

Dr. Gavin Buffington handed out the sign in sheet and told everyone to verify course number, title, credit hours etc...

The first item of discussion was directed at whether there should be two separate documents with two sets of learning outcomes - one for the lecture and one for the lab. The decision was made to draft two separate documents due to the fact that some students will transfer the lecture without the lab and vice versa.

Additional discussion took place regarding the definition of "physical science." Dr. Buffington started to craft some learning outcomes for the lecture first. Great discussion took place regarding what should be

included without being too restrictive to the instructors of the courses. After several edits, five learning outcomes were voted on and passed unanimously.

Physical Science Lab was then discussed. The group looked at the learning outcomes produced for the Physics I Lab course that was approved the year before. Based on that document as a starting point, the group crafted language into three learning outcomes. Once the group was happy with the outcomes, a vote was called and the document passed unanimously.

The group then decided to review Descriptive Astronomy along with Engineering Physics I and Lab and Engineering Physics II and Lab at next year's conference.

Gavin Buffington from Fort Hays State was voted on and agreed to chair the group another year.

The meeting was then adjourned.

### **Discipline: Physics**

**Kansas Regents System Number (KRSN) and Title: PHY1010 Physical Science/Lab  
PHY1011 Physical Science Lecture  
PHY1012 Physical Science Lab**

**Chair/Facilitator(s): Dr. Gavin Buffington**

**Transfer and Articulation Council Liaison: Dr. Joey Linn**

### **Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	PSC151,PSC152 Physical Science/Lab	3,2	Les Thomas	Y	Y
Barton County CC	PHSC1400 Physical Science	5	Tim Folkerts	Y	Y
Butler CC	PS100 General Physical Science	5	Jonathan Penley	Y	Y
Cloud County CC	SC103, Physical Science	5	Dennis Smith	Y	Y
Coffeyville CC	PHYS205, Physical Science	5	Ryan Willis	Y	Y
Colby CC	PH176,Physical Science	5	Brent Wilson	Y	Y
Cowley County CC	PHS4511, Physical Science	5	Martin Shaffer	Y	Y
Dodge City CC	PHYS104, Physical Science/Lab	4	Steve Crane	Y	Y
Flint Hills TC	PS101, Physical Science	5	Brad Karr	Y	Y
Fort Scott CC	PHS1215,PHS121L, Fundamentals of Physical Science	5,0	Elie Riachi	Y	Y
Garden City CC	PHSC105,General Physical Science	5	No Representative	N	
Highland CC	PS101, College Physical Science	5	No Representative	N	
Hutchinson CC	PY110,PY110L, Physical Science/Lab	5,0	Dan Smith	Y	Y
Independence CC	PHS1005, Physical Science	5,0	Monah Saleh	Y	Y
Johnson County CC	PSCI120, Physical Science	4	Sandra Finnicum	Y	Y

Kansas City KCC	NASC0103, General Physical Science	5	No Representative	N	
Labette CC	PHSC105, Physical Science	5	David Beach	Y	Y
Manhattan Area TC	CHM100, Physical Science	4	No Representative	N	
Neosho County CC	PHYS171,PHYS172, Physical Science/Lab	3,2	No Representative	N	
North Central KTC	Not Offered		No Representative	N	
Northwest KTC	Not Offered		No Representative	N	
Pratt CC	PSC176, Physical Science	5	No Representative	N	
Salina Area TC	Not Offered		No Representative	N	
Seward County CC	PS1115, Physical Science	5	Jolie Griffin	Y	Y
Wichita Area TC	PHS110, Physical Science	5	Vrenda Pritchard	Y	Y
			TOTALS		
Emporia St. U.	PS214,PS215, Physical Science/Lab	3,1	Jorge Ballester	Y	Y
Fort Hays St. U.	PHYS102,PHYS103, Physical Science/Lab	3,2	Gavin Buffington	Y	Y
Kansas St. U.	Not Offered		Mick O'Shea	Y	
Pittsburg St. U.	PHYS171,PHYS172, Physical Science/Lab	3,1	David Kuehn	Y	Y
U. Of Kansas	Not Offered		Chris Fischer	Y	
Washburn U.	PS126, Physical Science for Elementary Education	5	Brian Thomas	Y	Y
Wichita St. U.	Not Offered		No Representative		
			TOTALS		

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

**Physical Science** is an introduction to the basic concepts of physics and chemistry with applications to earth and space science.

Upon completion of this course, students will be able to:

1. Explain the scientific method.
2. Describe the scope of the physical sciences.
3. Interpret scientific data to demonstrate basic problem solving.
4. Explain everyday phenomena in terms of basic physical science concepts.

5. Explain and critique science as presented in the media

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

**Physical Science Laboratory** is an investigation of the basic concepts of physics and chemistry with applications to earth and space science.

Upon completion of this course, students will be able to:

1. Perform measurements using physical apparatus
2. Analyze the collected data including appropriate treatment of errors and uncertainties
3. Generate and communicate conclusions based on the data and analysis for experimental investigations

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Descriptive Astronomy  
Engineering Physics I (calculus based)  
Engineering Physics I Laboratory (calculus based)  
Engineering Physics II (calculus based)  
Engineering Physics II Laboratory (calculus based)

**Chair for 2014: Dr. G. D. Buffington, Fort Hays State University**

**Comments:**

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**Discipline: Political Science**

**Kansas Regents System Number (KRSN) and Title: POL1010 Introduction to Political Science**

**Kansas Core Outcomes Group Participants**

**Chair/Facilitator(s): Michael Smith, Emporia State University**

**Transfer and Articulation Council Liaison/Representative: Jon C. Marshall, Allen Community College**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives: (A= abstention)**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	Not offered		Jon Wells	Y	Y
Barton County CC	Pols 1801 Intro to PS		Skip Elser	Y	Y
Butler CC	Not offered		Jeff Cohen	Y	Y
Cloud County CC	Not offered		Marquis Clark	N	
Coffeyville CC			Megan Manley	N	
Colby CC	Not offered		Mike Thompson	Y	Y
Cowley County CC			Frank Arnold	Y	Y
Dodge City CC	Not offered		Sean Creevey	N	
Flint Hills TC					
Fort Scott CC			Gerald Hart	Y	Y
Garden City CC			Leonard Rodenbur	N	
Highland CC			Bill Noll	N	
Hutchinson CC	Not offered		Femi Ferreira	Y	Y
Independence CC	Pol 1013 Intro to PS		Ben Seel	N	
Johnson County CC	Pols 122 Intro to PS		Marilyn Gaar	Y	Y
Kansas City KCC	Posc 101 Intro to PS		Ewa Unoke	N	
Labette CC					
Manhattan Area TC					
Neosho County CC	Sosc 101 Intro to PS		Kevin Blackwell	Y	Y
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC			Gary Damron	N	
Wichita Area TC					

Emporia St. U.	Po 100 Intro to Politics & Government		Michael Smith	Y	Y
Fort Hays St. U.	Pols 100 Orientation		Joe Romance	Y	Y
Kansas St. U.	Polsc 110 Intro to PS		John Fliter	Y	Y
Pittsburg St. U.	Pols 270 Intro to PS		Darren Botello-Samson	Y	Y
U. Of Kansas	Not offered		Christina Bejarano	Y	Y
Washburn U.					
Wichita St. U.	Not offered		Neal Allen	Y	Y

**Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.**

### **Core Outcomes**

#### **4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of Introduction to Political Science, students will be able to:

1. Exhibit an understanding of the meaning and relevance of politics.
2. Exhibit an understanding of how the political system differs from and interacts with other aspects of society such as culture, economics, and religion.
3. Demonstrate an awareness of the theories and methods of political science as a social science.
4. Demonstrate an awareness of different specializations in political science.
5. Demonstrate an awareness of diverse political systems.

### **Comments:**

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These core outcomes replace those approved at the 2012 meeting for Introduction to Political Science. The 2012 core outcomes for American Government stand as-is.

The committee recommends that the next year's committee discuss core outcomes for International Relations. Following that, the committee may consider writing core outcomes for Comparative Politics.

Michael Smith of Emporia State University was re-elected Chair for 2014.

The committee has a number of concerns about the possibility of writing core outcomes for State and Local Government. As a result, we declined to write or vote on any outcomes for that course. The committee's concerns are as follows:

- Most campuses in the state do not offer the course, yet if those institutions decline to send a representative to the meeting they are recorded as "yes" votes on any proposed core outcomes. The committee would like to request that only those institutions that actually offer the course be able to vote for or against the core outcomes proposed. Should the rule be changed, we have no objection to the institutions that do offer the course but decline to send a representative being recorded as "yes" votes.
- Many campuses do not teach this course as a general education requirement. The University of Kansas and Kansas State University teach the course as a 400-500 level, upper-division course for political science majors. Emporia State University and Pittsburg State University teach the course at the 300 level, as does Wichita State University, which has the course in its catalog but rarely offers it. Of the four-year institutions represented, only Ft. Hays State University offers the course at the 100 level (Washburn did not send a representative). The committee needs clarification as to whether the course will automatically transfer in place of similarly-named courses at four-year universities, even if those universities offer the course as a higher-level majors requirement and not a general education class.
- If both concerns above are resolved to the committee's satisfaction, we propose the following list of brainstorming ideas be considered as a starting point for the course's core outcomes:
  - An understanding of the creation and evolution of federalism
  - Analyze the importance and history of federalism in the U.S. and how various levels of government interact
  - Understand sources of conflict and cooperation between urban and rural areas, past and present
  - Understand the complexity of state and local governments and their subunits
  - Know the basic challenges of state and local governments in staffing
  - Compare and contrast the duties, rights and responsibilities of the three branches at the state level, their interaction, and their variation among the states
  - Understand the scope and function of state and local government

**Discipline: PSYCHOLOGY****Kansas Regents System Number (KRSN) and Title: KRSN PSY2030, Childhood Growth and Development****Chair/Facilitator(s): C. Bruce Warner, Pittsburg State University****Transfer and Articulation Council Liaison: Jacee Tice, North Central KTC****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	ECE101 EARLY CHILDHOOD DEVELOPMENT AND GROWTH	3	AMY PIETAN	Y	Y
Barton County CC	DEVELOPMENTAL PSYCHOLOGY CHILD DEVELOPMENT	3	RONI WERTZ	Y	Y
Butler CC	B5270 CHILD PSYCHOLOGY	3	CHEREE ENCAPERA	Y	Y
Cloud County CC	SS105 EARLY CHILDHOOD DEVELOPMENT	3	BETH WHISLER	Y	Y
	HE150 EARLY CHILDHOOD DEVELOPMENT	3	JENNIFER SIEBEN	Y	Y
Coffeyville CC	201 EARLY CHILDHOOD DEVELOPMENT	3	MIKE ARPIN	Y	Y
Colby CC					
Cowley County CC	CHC5711 DEVELOPMENT OF YOUNG CHILD	3	JANET DAVIDSON	Y	Y
Dodge City CC	ECE105 CHILD GROWTH AND DEVELOPMENT	3	LORNA FORD	Y	Y
Flint Hills TC					
Fort Scott CC	PSY1023 DEVELOPMENTAL PSYCHOLOGY	3	DEBORAH ALLEN	Y	Y
Garden City CC					
Highland CC	PSY205 HUMAN GROWTH AND DEVELOPMENT	3	ERIC KETCHUM	Y	Y
Hutchinson CC	CC105 INFANT AND TODDLER DEVELOPMENT	3	JENNIFER FORKER	Y	Y

Independence CC	BEH2003 DEVELOPMENTAL PSYCHOLOGY	3	BRETT GILCRIST		
Johnson County CC	PSYCH215 CHILD DEVELOPMENT	3	JAMES PETTITT	Y	Y
	EDUC270 EARLY CHILDHOOD DEVELOPMENT	3			
Kansas City KCC	PSYC202 CHILD DEVELOPMENT	3	ANTONIO CUTOLO-RING	Y	Y
Labette CC					
Manhattan Area TC	PSY125 HUMAN GROWTH AND DEVELOPMENT	3	CINDY BARNES	Y	Y
Neosho County CC	PSYC219 CHILD DEVELOPMENT	3	TINA OELKE	Y	Y
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	BH2303 DEVELOPMENTAL PSYCHOLOGY	3	KATY REDD	Y	Y
Wichita Area TC					
			TOTALS	16	16
Emporia St. U.	PY210 PSYCHOLOGY OF DEVELOPMENT	3	PAM MACDONALD	Y	Y
	PY211 DEVELOPMENTAL PSYCHOLOGY	3			
Fort Hays St. U.	AS AN ELECTIVE		JANETT NAYLOR-TINCKNELL	Y	Y
Kansas St. U.	PSYCH280 PSYCHOLOGY OF CHILDHOOD AND ADOLESCENCE	3	DONALD SAUCIER	Y	Y
Pittsburg St. U.	PSYCHXXX ELECTIVE	3	BRUCE WARNER	Y	Y
U. Of Kansas					
Washburn U.	PY210 PSYCHOLOGY OF INFANCY AND CHILDHOOD	3	TAMMY SONNENTAG	Y	Y
	PY211 ADOLESCENT PSYCHOLOGY	3			

Wichita St. U.	PSY414 CHILDHOOD PSYCHOLOGY	3	PAUL ACKERMAN	Y	Y
			TOTALS	6	6

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

ADDITIONAL ATTENDEES:

JOHNSON COUNTY COMMUNITY COLLEGE EDUC270 EARLY CHILDHOOD DEVELOPMENT 3 CREDITS

FORT HAYS STATE UNIVERSITY CAROL PATRICK ATTENDED

K STATE SARAH BUCHANAN

JCC EVA HARKNESS

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

**Childhood Growth and Development**

Upon completion of this course, students will be able to:

1. Explain foundational concepts and terminology appropriate to development of a child.
2. Differentiate developmental theories and research methods.
3. Describe the social and emotional development of a child.
4. Summarize cognitive and neurological development of child.
5. Explain the physical development of a child.
6. Evaluate special areas of development and their potential impact on childhood growth and development.

## **Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

**None.**

**Chair for 2014: Carol Patrick, FHSU**

### **Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

## **MINUTES**

KCOG Early Childhood and Development Team  
9/27/13 9:00-10:30am

At the opening of the meeting, agendas were distributed and members were asked to introduce themselves.

### **Old business**

At the last meeting, core learning outcomes for General Psychology and Human Life Span and Development were revised, clarified and approved. Based upon a poll taken in Spring of 2013, it appears that there was little interest in developing core outcomes for a Psychology as a Major course.

### **New business**

Discussion opened on the Early Childhood Growth and Development course. The committee explored which institutions had a title that would map on to the course outcomes. Representatives expressed concerns that the core outcomes be developed in such a way that courses from two-year institutions would transfer easily to four-year institutions. Discussion ensued concerning the course title and whether the course should be split into separate courses for early childhood and adolescence. The K-State representative, Don Saucier, emphasized the need to create a flexible set of outcomes and demonstrated how his department is trying to be flexible with all institutions. Discussion also concerned whether the course could transfer to education departments. The chair restated that, being a psychology core outcomes group, we cannot speak for education departments and should be focusing on general education courses offered by departments of psychology.

Following much discussion, a motion was made and seconded to drop the word "Early" from the course title. The motion passed unanimously and the course was titled "Childhood Growth and Development."

Focus then turned to reviewing the existing outcomes, which had been developed by an earlier iteration of the committee.

### **New Name of Course -Childhood growth and Development**

Outcome 1: Moved and seconded to stay the same.

Outcome 2: Moved and seconded to stay the same.

Outcome 3: Moved and seconded to stay the same.

Outcome 4: Moved and seconded to stay the same.

Outcome 5: A motion was made and seconded to use the verb “explain” rather than “examine.”

Outcome 6: A motion was made and seconded to strike the word “early” and to use the verb “evaluate” rather than “identify.”

#### **New outcomes for Childhood Growth and Development**

- 1. Explain foundational concepts and terminology appropriate to development of a child.**
- 2. Differentiate developmental theories and research methods.**
- 3. Describe the social and emotional development of a child.**
- 4. Summarize cognitive and neurological development of child.**
- 5. Explain the physical development of a child.**
- 6. Evaluate special areas of development and their potential impact on childhood growth and development.**

The chair passed around the roll sheet and everyone voted on the revised outcomes. The outcomes were approved unanimously.

#### **Future business**

Discussion ensued regarding whether any additional courses might become targets for the development of core outcomes. Social and health psychology were suggested as possible targets; however, these courses are offered at very different levels by various institutions. For example, Social Psychology might be offered at a 200 level at some institutions but at a 700 level (available to graduate students) at others. Drugs and behavior and Human Sexuality were also discussed; however, not very many institutions have these. Further discussion took place concerning problems with students taking over 60 credits at two-year institutions without being aware that they might not need that many. Also, there was agreement that students should focus on taking core psychology classes at four-year institutions. The group was unable to identify any courses for future business.

#### **Last order of business**

Elections were held for committee chair. Bruce expressed his gratitude to the committee but politely declined nomination as the chair. Carol Patrick from FHSU nominated herself and the group elected Carol as the new chair.

Jacee Tice & Bruce Warner

**Discipline: Sociology****Kansas Regents System Number (KRSN) and Title: SOC2010 Social Problems****Chair/Facilitator(s): Richard Goe, Kansas State University****Transfer and Articulation Council Liaison: Kim Krull, Butler CC****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

<b>Institution</b>	<b>Course Number and Title</b>	<b>Cr. Hrs.</b>	<b>Institution Appointed Voting Faculty Member</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen County CC	SOC 205 Contemporary Social Problems	3	William Dodd	Y	Y
Barton County CC	SOCI 1104 Contemporary Social Problems	3	Edmond Johnson	Y	Y
Butler CC	BS110 Contemporary Social Problems	3	Robin Crowe	Y	Y
Cloud County CC				N	
Coffeyville CC	SOC 201 American Social Problems	3	Ryan McCune	Y	Y
Colby CC				N	
Cowley County CC	SOC6816 Social Problems	3	Cathy Hendricks	Y	Y
Dodge City CC	SOC 201 Social Problems	3	Rodney Clayton	Y	Y
Flint Hills TC				N	
Fort Scott CC				N	
Garden City CC				N	
Highland CC				N	
Hutchinson CC	SOC 201 Social Problems	3	Kim Newberry	Y	Y
Independence CC	SOC 2023 Social Problems	3	Mark Harris	Y	Y
Johnson County CC	SOC 125 Social Problems	3	Brian Zirkle	Y	Y
Kansas City KCC	SOSC 0209 Social Problems	3	Daryl Long	Y	Y
Labette CC	SOCI 203 Social Problems	3	Kalynn Amundson	Y	Y
Manhattan Area TC				N	
Neosho County CC	SOSC 220 Social Problems	3	Mark Eldridge	Y	Y
North Central KTC				N	
Northwest KTC				N	
Pratt CC	SOC 233 Social Problems	3	David Cramer	Y	Y
Salina Area TC				N	
Seward County CC				N	
Wichita Area TC				N	
			TOTALS	13	13 Y 0 N
Emporia St. U.	SO 202 Social Problems	3	Alfredo Montalvo	Y	Y
Fort Hays St. U.	SOC 384 Social Problems	3	Brett Zollinger	Y	Y
Kansas St. U.	SOCIO 360 Social Problems	3	Richard Goe	Y	Y

Pittsburg St. U.	SOCIO 201 Social Problems	3	Harry Humphries	Y	Y
U. Of Kansas	SOC 160 Social Problems and American Values	3	Brian Donovan	Y	Y
Washburn U.	SO 101 American Social Problems	3	Stephanie Decker	Y	Y
Wichita St. U.	SOC 320 Social Problems	3	Kathleen Perez	Y	Y
			TOTALS	7	7 Y 0 N

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Differentiate between what constitutes a "social" problem versus an individual problem.

Analyze the micro and macro dimensions of social problems utilizing sociological theories and methods.

Describe how social problems are associated with patterns of social inequality.

Assess the strengths and weaknesses of solutions to a social problem utilizing a sociological perspective.

Evaluate the relationships between social problems and the policies and practices of social institutions.

### **Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

Introduction to Social Inequality

### **Chair for 2014:**

Brian Donovan, University of Kansas

### **Comments:**

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

### **Meeting notes.**

Sociology KCOG Meeting

9/27/2013

Attendees: David Cramer, Ryan McCune, Kalynn Amundson, Alfredo Montalvo, Rodney Clayton, William Dodd, Brian Zirkle, Mark Harris, Harry Humphries, Daryl Long, Brett Zollinger, Robin Crowe, Edmond Johnson, Art Holm, Kim Newberry, Mark Eldridge, Brian Donovan, Stephanie Decker, Cathy Hendricks, Kathleen Perez, Richard Goe, Kim Krull (TAAC Liaison).

The meeting was opened by Chair, Richard Goe (KSU). Kim Krull served as the recorder. Everyone introduced themselves. The student learning outcomes developed and approved last year (2012) for Introduction to Sociology were reviewed.

Richard and Kim Krull, TAAC Liaison, briefly reviewed the format and goals for the meeting. Richard had the group divide into small groups to begin to discuss and develop SLO's for Social Problems.

Brett Zollinger, FHSU, indicated that the Sociology group had worked on outcomes for Social Problems a few years ago. He contacted colleagues at FHSU to locate the outcomes but they did not have them. Daryl Long from KCKCC, who currently teaches Social Problems online, had the original outcomes in his current syllabus. These were used as part of some small group discussion.

When the large group got back together, 22 outcomes were listed. Outcomes were grouped into 5 major "areas." Outcomes in each area were discussed with a draft outcome being developed in each area for initial consideration. Comprehensive discussion allowed the development of five core learning outcomes for Social Problems:

Differentiate between what constitutes a "social" problem versus an individual problem.

Analyze the micro and macro dimensions of social problems utilizing sociological theories and methods.

Describe how social problems are associated with patterns of social inequality.

Assess the strengths and weaknesses of solutions to a social problem utilizing a sociological perspective.

Evaluate the relationships between social problems and the policies and practices of social institutions.

This set of core outcomes was unanimously approved by the representatives attending the meeting.

Colleges who did not have representatives in attendance included: Cloud County Community College, Colby Community College, Flint Hills Technical College, Fort Scott Community College, Garden City Community College, Highland Community College, Manhattan Area Technical College, North Central KTC, Northwest KTC, Salina Area Technical College, Seward County Community College, and Wichita Area Technical College.

The next course that will be reviewed at the Core Outcomes meetings in 2014 will be Introduction to Social Inequality.

The committee chair for 2014 will be Brian Donovan from the University of Kansas (bdonovan@ku.edu).

The meeting was adjourned at 11:25 am.

**Discipline: Theatre****Kansas Regents System Number (KRSN) and Title: THT2010 Acting II****Chair/Facilitator(s): Lawrence Alford Fort, Scott Community College****Transfer and Articulation Council Liaison: Karla Fisher, Butler County Community College****Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	THE 235 Acting II	3	Tony Piazza	Y	Y
Barton County CC	THEA 1304 Acting II	3	Erin Renard	Y	Y
Butler CC	TA 112 Acting II	3	Samuel Sparks	Y	Y
Cloud County CC					
Coffeyville CC					
Colby CC					
Cowley County CC	Not Offered	NA	Jamison Rhoads	Y	NA
Dodge City CC					
Flint Hills TC					
Fort Scott CC	DRA 1023 Acting II	3	Lawrence Alford	Y	Y
Garden City CC					
Highland CC					
Hutchinson CC	TH 121 Advanced Acting	3	Deidre Mattox	Y	Y
Independence CC					
Johnson County CC	THEA 230 Acting II	3	Beate Pettigrew	Y	Y
Kansas City KCC	THTR 215 Acting II	3	Charles Leader	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	DR1203 Acting II	3	Gloria Goodwin	Y	Y
Wichita Area TC					
			TOTALS		
Emporia St. U.	TH221 Acting II	3	Nancy J Pontius	Y	Y
Fort Hays St. U.	THTR661 Advanced Acting	3	Tomme Lynn Williams	Y	Y
Kansas St. U.	THTRE361 Intermediate Acting	3	John S Uthoff	Y	Y
Pittsburg St. U.	Not Offered	NA	Cynthia L. Allan	Y	NA
U. Of Kansas	THR206 Acting II	3	Jeanne Klein	Y	Y
Washburn U.	TH212	3	Paul Prece	Y	N
Wichita St. U.	THEA342 Advanced Acting	3	Danette Baker	Y	y
			TOTALS		

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Demonstrate a continued development of the actor's instrument.
2. Apply additional acting theories, approaches and styles.
3. Evaluate self and others' performances using oral and/or written critiques.
4. Analyze and perform a variety of texts.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

1. Voice and Diction
2. Makeup

**Chair for 2014: Jeanne Klein**

**Comments:**

See the 2013 KCOG minutes.

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

**Discipline: Theatre**

**Kansas Regents System Number (KRSN) and Title: THT1040 Theatre Practicum**

**Chair/Facilitator(s): Lawrence Alford, Fort Scott Community College**

**Transfer and Articulation Council Liaison: Karla Fisher, Butler County Community College**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	Theatre Practicum	1	Tony Piazza	Y	Y
Barton County CC	Musical Theatre Thea1308	1	Erin Renard	Y	Y
Butler CC	Theatre Practicum TA151, 152	1	Samuel Sparks	Y	Y
Cloud County CC					
Coffeyville CC					
Colby CC					
Cowley County CC	Theatre Practicum THE2743-2746	1	Jamison Rhoads	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC	DRA2031 Theatre Projects	1	Lawrence Alford	Y	Y
Garden City CC					
Highland CC					

Hutchinson CC	Theatre Practicum I-IV TH123,132,133,134	1	Deidre Mattox	Y	y
Independence CC					
Johnson County CC	Theatre Practicum THEA 123,233,134,234	1	Beate Pettigrew	Y	Y
Kansas City KCC	Theatre Practicum THTR151	1	Gary Mosby	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	Dramatic Participation DR 1601,1611,1621,1631,1641	1	Gloria Goodwin	Y	Y
Wichita Area TC					
			TOTALS		
Emporia St. U.	Scenic, Costume Practicum TH331,334	1	Nancy Pontius	Y	Y
Fort Hays St. U.	Rehearsal & Performance THTR226	1-2	Tomme Lynn Williams	Y	Y
Kansas St. U.	Dramatic Participation Thtre211	1	John S Uthoff	Y	Y
Pittsburg St. U.	Topics In Theatre	2	Cythnia L Allan	Y	Y
U. Of Kansas	Theatre Practicum 101,201	1	Jeanne Klein	Y	Y
Washburn U.	Special Project	1	Paul Prece	Y	Y
Wichita St. U.	THEA180 A,B,C(tech) D(perf)	1	Danette Baker	Y	Y
			TOTALS		

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Participate in theatre productions for public audiences.
2. Accomplish a minimum of 45 hours of production work.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

1. Voice and Diction
2. Makeup

**Chair for 2014: Jeanne Klein**

**Comments:** See minutes from the 2013 KCOG meeting.

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**Discipline: Theatre**

**Kansas Regents System Number (KRSN) and Title: THT1030 Stagecraft**

**Chair/Facilitator(s): Lawrence Alford, Fort Scott Community College**

**Transfer and Articulation Council Liaison: Karla Fisher, Butler County Community College**

**Courses from Kansas Public Institutions for which Core Outcomes apply (equivalent courses across the system) and Faculty Representatives:**

Institution	Course Number and Title	Cr. Hrs.	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen County CC	Stagecraft THE241	3	Tony Piazza	Y	Y
Barton County CC	Stagecraft Thea1310	3	Erin Renard	Y	Y
Butler CC	Stagecraft TA125	3	Samuel Sparks	Y	Y
Cloud County CC					
Coffeyville CC					
Colby CC					
Cowley County CC	Stagecraft THE2711	3	Jamison Rhoads	Y	Y
Dodge City CC					
Flint Hills TC					
Fort Scott CC	Stagecrafts I,II DRA 1053,1063	3	Lawrence Alford	Y	Y
Garden City CC					
Highland CC					
Hutchinson CC	Stagecraft TH118	3	Deidre Mattox	Y	Y
Independence CC					
Johnson County CC	Basic Stagecraft THEA135	3	Beate Pettigrew	Y	Y
Kansas City KCC	Stagecraft THTR150	3	Gary Mosby	Y	Y
Labette CC					
Manhattan Area TC					
Neosho County CC					
North Central KTC					
Northwest KTC					
Pratt CC					
Salina Area TC					
Seward County CC	Stagecraft I,II DR1103,1113	3,2	Gloria Goodwin	Y	Y
Wichita Area TC					
			TOTALS		
Emporia St. U.	Stagecraft TH131	4	Nancy J Pontius	Y	Y
Fort Hays St. U.	Stagecraft Thtr224	3	Tomme Lynn Williams	Y	Y
Kansas St. U.	Fundamentals of Tech Prod THTRE368	3	John S Uthoff	Y	Y
Pittsburg St. U.	Tech Prod I COMM363	3	Cynthia L Allan	Y	Y

U. Of Kansas	Scenic Production THR216	2	Jeanne Klein	Y	y
Washburn U.	TH 211/311	3	Paul Prece	Y	Y
Wichita St. U.	Stagecraft THEA244	3	Ed Baker	Y	Y
			TOTALS		

***Failure to participate in the articulation of course outcomes will be taken as agreement (recorded as a yes vote) with any actions approved at the KCOG meeting.***

**Core Outcomes: 4-6 specific, measurable learning outcomes expected of every student that completes the course**

Upon completion of this course, students will be able to:

1. Apply stagecraft terminology used in technical theatrical production.
2. Employ safe practices and techniques specific to theatrical environments.
3. Demonstrate working knowledge of stage systems and machinery, support areas, and construction tools.
4. Demonstrate basic competencies in professional technical methods and procedures used to realize a theatrical production.

**Recommended Course for articulation at 2014 Kansas Core Outcomes Project Meeting:**

1. Voice and Diction
2. Makeup

**Chair for 2014:** Jeanne Klein

**Comments:** See minutes from the KCOAG 2013 meeting.

*Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities.*

Theatre Core Outcomes Meeting 9.27.13

The following people were in attendance:

Tony Piazza- Allen County CC  
 Erin Renard- Barton County CC  
 Karla Fisher- Butler CC (TAAC Liaison)  
 Samuel Sparks- Butler CC  
 Jamison Rhoads- Cowley County CC  
 Lawrence Alford- Fort Scott CC (Chair)  
 Deidre Mattox- Hutchinson CC  
 Beate Pettigrew- Johnson County CC  
 Charles Leader- Kansas City KCC  
 Gloria Goodwin- Seward County CC  
 Nancy J Pontius- Emporia St. U.  
 Tomme Lynn Williams-Fort Hays St. U.  
 John S Uthoff- Kansas St. U.  
 Cynthia L. Allan- Pittsburg St. U.  
 Jeanne Klein- U. Of Kansas

Paul Prece- Washburn U.  
Danette Baker- Wichita St. U.

We had three courses that had been previously approved in 2009 but needed to be finalized for approval by KBOR.

Acting II was the first course discussed. We discussed the class in 2010 and crafted the following outcomes:

1. Demonstrate a continued development of the actor's instrument.
2. Apply additional acting theories, approaches and styles.
3. Evaluate self and other's performances using oral and/or written critiques.
4. Analyze and perform a variety of texts.

After a brief discussion of those outcomes, including whether or not they properly aligned with those of Acting I, we voted to approve them. The vote was 24-1 for approval.

The second course previously approved in 2011 was Theatre Practicum for 1 credit hour. The outcomes are:

1. Participate in theatre productions for public audiences.
2. Accomplish a minimum of 45 hour of production work.

We discussed the variety of ways that this class was used at all the institutions and agreed that these two outcomes were all that was needed to cover the range and application of the course. The outcomes were approved by a unanimous vote.

The last course up for discussion was Stagecraft. Although we had previously approved outcomes in 2009, we felt that they needed to be reworked, and spent the bulk of the meeting on that. Many felt that it was necessary to include a separate outcome pertaining to technical theatre terms and also, safety practices involved in stage work. The following outcomes were agreed upon:

1. Apply stagecraft terminology used in technical theatrical production.
2. Employ safe practices and techniques specific to theatrical environments.
3. Demonstrate working knowledge of stage systems and machinery, support areas, and construction tools.
4. Demonstrate basic competencies in professional technical methods and procedures used to realize a production.

Those outcomes were approved unanimously.

The next portion of the meeting was spent deciding which other courses, if any, should be discussed for common outcomes. Courses considered were Voice & Diction, Introduction to Design, Improvisation, Stage Movement, Stage Makeup, Theatre Management, and Theatre Literature. Our criteria for deciding on a class to be included were based on the following criteria:

Was it being taught by a significant number of community colleges?

Did it constitute "core" theatre curricula?

Based on these standards, it was decided to work on the Voice/Diction and Makeup courses next year to establish common outcomes.

A new moderator, Jeanne Klein, was also selected to chair next year's committee.

Submitted by Tony Piazza, Allen Community College  
(with emendations by Lawrence Alford)