



# **KANSAS CORE OUTCOMES GROUPS CONFERENCE**

**October 16, 2020**

## **2020 KCOG ANNUAL REPORT**

★ LEADING HIGHER EDUCATION ★

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### New Courses are underlined.

Please contact Karla Wiscombe, Transfer Coordinator for the Kansas Board of Regents, with questions or suggestions regarding this report at 785-430-4282, or [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), whose goal was to develop core outcomes and competencies for general education courses at the state's colleges and universities.

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 public higher education. TAAC utilized the structure of the faculty led Kansas Core Outcomes Groups (KCOG) to create additional discipline groups and facilitate annual meetings for articulating common core outcomes for systemwide transfer.

## 2020 Disciplines and Courses Summary

Discipline	Course Reviewed	KCOG Chairs	TAAC Approved	Board Approved
Biology	Biology I and Lab for Majors Biology II and Lab for Majors	John Mullican, Washburn Travis Robb, Allen CC Kiley Hicks, WSU	12/17/2020 12/17/2020	N/A N/A
Business	<u>Principles of Marketing</u> Personal Finance Principles of Leadership	Renee Harbin, Garden City CC Kissan Joseph, KU Jason Sharp, Labette CC Mike Ross, WSU	10/16/2020 12/17/2020 12/17/2020	01/20/2021 N/A N/A
Chemistry	General Chemistry & Lab for Non-Majors	James Balthazor, FHSU Dani Anthony, Butler CC	12/17/2020	N/A N/A
Criminal Justice	<u>Criminal Law</u> Intro to Criminal Justice	Shane Finley, Highland CC	10/16/2020 12/17/2020	01/20/2021 N/A
Education	<u>Children's Literature</u>	Sarah Broman Miller, FHSU Jay Gooldy, Dodge City CC	10/16/2020	01/20/2021
Health Sciences	Personal & Community Health	Karen Adams, Garden City CC Anita Walters, FHSU	12/17/2020	N/A
Mass Comm /Journalism	Introduction to Mass Communication	Max McCoy, ESU Meg Smith, Cowley CC	12/17/2020	N/A
Math	<u>Intermediate Algebra</u> Elementary Statistics	Tim Flood, PSU Paul Walcher, Neosho County CC	10/16/2020 12/17/2020	01/20/2021 N/A
Physical Science	<u>Meteorology Lab</u> <u>Meteorology Lecture</u> <u>Meteorology Lecture &amp; Lab</u> Physical Geology Lab Physical Geology Lecture Physical Geology Lecture &	David Rahn, KU	10/16/2020 10/16/2020 10/16/2020 12/17/2020 12/17/2020 12/17/2020	01/20/2021 01/20/2021 01/20/2021 N/A N/A N/A
Physics	Engineering Physics I & Lab Engineering Physics II & Lab	Matthew Antonik, Allen CC Sarah Rush, KU	12/17/2020 12/17/2020	N/A
Religion	<u>Old Testament</u>	Rannfrid Thelle, WSU Doug Baty, Labette CC	10/16/2020	01/20/2021
Sociology/Social Work	Introduction to Social Work	Nancy Jo Kepple, KU Judy Bohrer, Butler CC	12/17/2020	N/A

## TRANSFER AND ARTICULATION COUNCIL MEMBERS FOR 2020-21

<i>Name</i>	<i>Institution</i>
Peter Chung, Co-Chair	Pittsburg State University
Tricia Paramore, Co-Chair	Hutchinson Community College
Anne Phillips	Kansas State University
Casey Fraites-Chapes	University of Kansas
Eric Ketchum	Highland Community College
Jane Holwerda	Dodge City Community College
Jennifer Ball	Washburn University
Jennifer Seymour	Wichita State University Campus of Applied Sciences and Technology
Jon Brumberg	University of Kansas
Jon Marshall	Allen Community College
Linnea GlenMaye	Wichita State University
Marcus Porter	Fort Hays State University
Melinda Roelfs	Pittsburg State University
Phil Speary	Butler Community College
Ryan Ruda	Garden City Community College
Sarah Robb	Neosho County Community College
Scott Tanona	Kansas State University
Shelly Gehrke	Emporia State University
Tiffany Bohm	Kansas City Kansas Community College
Tricia Parks	Flint Hills Technical College
Karla Wiscombe	Kansas Board of Regents
April Henry	Kansas Board of Regents
Samantha Christy-Dangermond	Kansas Board of Regents
Tara Lebar	Kansas Board of Regents
Nikkolas Nelson	Kansas Department of Education
Regent Shane Bangarter	KBOR Board Member
Sumner Mackey	Student Advisory Committee Representative

## INSTITUTIONS AND NUMBER OF FACULTY PARTICIPATING

<i>Institution</i>	<i>Total Faculty Participating</i>
Allen Community College	12
Barton Community College	14
Butler Community College	14
Cloud County Community College	16
Coffeyville Community College	10
Colby Community College	2
Cowley Community College	13
Dodge City Community College	13
Fort Scott Community College	12
Garden City Community College	16
Highland Community College	15
Hutchinson Community College	17
Independence Community College	10
Johnson County Community College	15
Kansas City Kansas Community College	17
Labette Community College	12
Neosho County Community College	15
Pratt Community College	8
Seward County Community College	10
Flint Hills Technical College	3
Manhattan Area Technical College	3
North Central Kansas Technical College	3
Northwest Kansas Technical College	8
Salina Area Technical College	3
Wichita State University – Tech	7
Emporia State University	14
Fort Hays State University	14
Kansas State University	13
Pittsburg State University	14
University of Kansas	17
Wichita State University	18
Washburn University	12
<b>TOTAL</b>	<b>370</b>

## **REPORTS**

The following reports indicate the results of the 2020 meeting and work completed afterwards by the Transfer and Articulation Council.

The notes/comments sections constitute the author's understanding of the meeting and may or may not reflect or represent the views of all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The information contained in the notes 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.

Date: 10/29/2020

Discipline: Biology

Kansas Regents System Number (KRSN) and Title: BIO1020 Biology I and Lab for Majors

Co-Chairs: John Mullican, Washburn University and Travis Robb, Allen CC

Transfer and Articulation Council Liaison(s): Jennifer Ball, Washburn University and Jon Marshall, Allen CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

<b>BIOLOGY I and LAB FOR MAJORS</b>					
<b>Institution</b>	<b>Course ID &amp; Credit Hours</b>	<b>Course Title</b>	<b>Institution Appointed Voting Faculty Member and E-mail</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen CC	BIO150 5 Hours	BIOLOGY I (CELLULAR)	Travis Robb <a href="mailto:robb@allencc.edu">robb@allencc.edu</a>	Y	Y
Barton CC	LIFE1402 5 Hours	PRINCIPLES OF BIOLOGY	Charlotte Cates <a href="mailto:catesc@bartonccc.edu">catesc@bartonccc.edu</a>	Y	Y
Butler CC	BI 215 5 Hours	MAJORS BIOLOGY 1 (CELL)	Lindsey Fields <a href="mailto:lcarter13@butlercc.edu">lcarter13@butlercc.edu</a>	Y	Y
Cloud County CC	SC110 5 Hours	PRINCIPLES OF BIOLOGY I	Brian Bombardier <a href="mailto:b.bombardier@cloud.edu">b.bombardier@cloud.edu</a>	Y	Y
Coffeyville CC	BIOL 206 5 Hours	BIOLOGY I: CELLULAR AND MOLECULAR BIOLOGY	Ky Shen <a href="mailto:shen.ky@coffeyville.edu">shen.ky@coffeyville.edu</a>	Y	Y
Colby CC	BI177 5 Hours	BIOLOGY I (WITH LAB)		N	Y
Cowley CC	BIO4125 5 Hours	GENERAL BIOLOGY I	Scott Layton <a href="mailto:scott.layton@cowley.edu">scott.layton@cowley.edu</a>	Y	Y
Dodge City CC	BIO 111 5 Hours	CELLULAR BIOLOGY AND GENETICS	Anthony Aragon <a href="mailto:aaragon@dc3.edu">aaragon@dc3.edu</a>	Y	Y
FSCC	BIO1225 5 Hours	PRINCIPLES OF BIOLOGY I	Tracy Springer <a href="mailto:tracys@fortscott.edu">tracys@fortscott.edu</a>	Y	Y
Garden City CC	BIOL-105 4 Hours OR BIOL-105 5 Hours	BIOLOGY I or PRINCIPLES OF BIOLOGY	Shelli Lalicker <a href="mailto:shelli.lalicker@gcccks.edu">shelli.lalicker@gcccks.edu</a>	Y	Y
Highland CC	BS 101 5 Hours	COLLEGE BIOLOGY	Ken Larkins <a href="mailto:klarkins@highlandcc.edu">klarkins@highlandcc.edu</a>	Y	Y
Hutchinson CC	BI104 5 Hours	BIOLOGY I	Kimberly Dolphin <a href="mailto:dolphink@hutchcc.edu">dolphink@hutchcc.edu</a>	Y	Y
Independence CC	BIO1115 5 Hours	BIOLOGY I: PRINCIPLES OF CELLULAR AND MOLECULAR BIOLOGY	Nathan Chaplin <a href="mailto:nchaplin@indycc.edu">nchaplin@indycc.edu</a>	Y	Y

JCCC	BIOL 135 4 Hours	PRN OF CELL AND MOLECULAR BIOLOGY		N	Y
KCKCC	BIOL0135 4 Hours	PRN OF CELL AND MOLECULAR BIO	Ernest May <a href="mailto:emay@kckcc.edu">emay@kckcc.edu</a>	Y	Y
Labette CC	BIOL 128 5 Hours	PRINCIPLES OF BIOLOGY I	Archana Lal <a href="mailto:archanal@labette.edu">archanal@labette.edu</a>	Y	Y
Neosho County CC	BIOL 251 3 Hours AND BIOL 252 2 Hours	BIOLOGY I AND BIOLOGY I LAB	Andrew Ouellette <a href="mailto:aouellette@neosho.edu">aouellette@neosho.edu</a>	Y	Y
Pratt CC	BIO125 5 Hours	GENERAL BIOLOGY	Dave Chambers <a href="mailto:davec@prattcc.edu">davec@prattcc.edu</a>	Y	Y
Seward County CC	BI1505 5 Hours	BIOLOGY I FOR MAJORS	Ty Hughbanks <a href="mailto:ty.hughbanks@sccc.edu">ty.hughbanks@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	BIO 130 5 Hours	BIOLOGY I	Travis Krehbiel <a href="mailto:tkrehbiel@wsutech.edu">tkrehbiel@wsutech.edu</a>	Y	Y
ESU	GB140 3 Hours AND GB141 1 Hour	PRINCIPLES OF BIOLOGY AND PRINCIPLES OF BIOLOGY LAB	Tim Burnett <a href="mailto:tburnett@emporia.edu">tburnett@emporia.edu</a>	Y	Y
FHSU	BIOL180 3 Hours AND BIOL180L 1 Hour	PRN OF BIOLOGY AND PRN OF BIOLOGY LABORATORY	Medhavi Ambardar <a href="mailto:m_ambardar@fhsu.edu">m_ambardar@fhsu.edu</a>	Y	Y
K-State	BIOL 198 4 Hours	PRINCIPLES OF BIOLOGY	Robert Bear <a href="mailto:bearr@ksu.edu">bearr@ksu.edu</a>	Y	Y
KU	BIOL 150 4 Hours	PRN MOLECULAR & CELLULAR BIOLOGY	Trevor Rivers <a href="mailto:trivers@ku.edu">trivers@ku.edu</a>	Y	Y
PSU	BIOL-211 4 Hours	PRINCIPLES OF BIOLOGY I	Hermann Nonnenmacher <a href="mailto:hnonnenmacher@pittstate.edu">hnonnenmacher@pittstate.edu</a>	Y	Y
Washburn	BI102 5 Hours AND BI102 0 Hour	GEN CELLULAR BIOLOGY AND GEN CELLULAR BIOLOGY	John Mullican <a href="mailto:John.mullican@washburn.edu">John.mullican@washburn.edu</a>	Y	Y
WSU	BIOL210 4 Hours AND BIOL210L 0 Hour	GENERAL BIOLOGY I AND GENERAL BIOLOGY I LAB	Kiley Hicks <a href="mailto:kiley.hicks@wichita.edu">kiley.hicks@wichita.edu</a>	Y	Y
<b>Total</b>				<b>25</b>	<b>27</b>



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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Demonstrate an understanding of the nature of science
  - a) Scientific processes
  - b) Scientific methods
2. Demonstrate an understanding of the levels of organization and emergent properties of life
  - a) Basic biological chemistry
  - b) Structure and function of biological molecules
  - c) Cellular structure and functions
3. Demonstrate an understanding of bioenergetics
  - a) Enzyme activity
  - b) Cellular respiration
  - c) Photosynthesis
4. Demonstrate an understanding of cellular reproduction
  - a) Binary fission
  - b) Mitosis
  - c) Meiosis
5. Identify the basic principles of Mendelian and molecular genetics, and relate these to the basic principles of Natural Selection and evolution
  - a) Classical genetics
  - b) Molecular genetics
    - i. DNA replication
    - ii. Gene expression and regulation
6. Design and perform experiments in a laboratory setting
  - a) Microscopy
  - b) Quantitative measurement skills incorporating the metric system
  - c) Analytical and statistical skills including presenting and/or interpreting graphs and tables
  - d) Experience with living organisms in the laboratory

**Next Recommended Course for Articulation or Revision: 2025**

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Trevor Rivers, KU and Andrew Ouellette, Neosho County CC

**Notes/Comments:** The group tabled a proposal to move learning outcome 5a. Classic Genetics to from Biology I to Biology II. This will be addressed when this group reconvenes in 2025.

*\*The notes/comments constitute the author's understanding of the meeting and may or may not reflect or represent the views of all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The 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.*

Date: 10/16/2020

Discipline: Biology

Kansas Regents System Number (KRSN) and Title: BIO1030 Biology II and Lab for Majors

Co-Chairs: Kiley Hicks, Travis Robb

Transfer and Articulation Council Liaison(s): Jennifer Ball, Washburn and Jon Marshall, Allen CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

<b>BIOLOGY II and LAB FOR MAJORS</b>					
<b>Institution</b>	<b>Course ID &amp; Credit Hours</b>	<b>Course Title</b>	<b>Institution Appointed Voting Faculty Member and E-mail</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen CC	BIO210 5 Hours	BIOLOGY II (ORGANISMAL)	Travis Robb <a href="mailto:robb@allencc.edu">robb@allencc.edu</a>	Y	Y
Barton CC	Not offered	Not offered	Charlotte Cates <a href="mailto:catesc@bartonccc.edu">catesc@bartonccc.edu</a>	N	Y
Butler CC	BI 220 5 Hours	MAJORS BIOLOGY 2 (ORGANISMS)	Lindsey Fields <a href="mailto:lcarter13@butlercc.edu">lcarter13@butlercc.edu</a>	Y	Y
Cloud County CC	SC151 5 Hours	PRINCIPLES OF BIOLOGY II	Brian Bombardier <a href="mailto:b.bombardier@cloud.edu">b.bombardier@cloud.edu</a>	Y	Y
Coffeyville CC	BIOL 208 5 Hours	BIOLOGY II: ORGANISMIC BIOLOGY	Ky Shen <a href="mailto:shen.ky@coffeyville.edu">shen.ky@coffeyville.edu</a>	Y	Y
Colby CC	BI179 5 Hours	BIOLOGY II (WITH LAB)		N	Y
Cowley CC	BIO4135 5 Hours	GENERAL BIOLOGY II	Scott Layton <a href="mailto:scott.layton@cowley.edu">scott.layton@cowley.edu</a>	Y	Y
Dodge City CC	BIO 211 5 HOURS	ANIMAL AND PLANT BIOLOGY	Anthony Aragon <a href="mailto:aaragon@dc3.edu">aaragon@dc3.edu</a>	Y	Y
FSCC	BIO1235 5 Hours	PRINCIPLES OF BIOLOGY II	Tracy Springer <a href="mailto:tracys@fortscott.edu">tracys@fortscott.edu</a>	Y	Y
Garden City CC	Not offered	Not offered	Elizabeth Tharman <a href="mailto:elizabeth.tharman@gccks.edu">elizabeth.tharman@gccks.edu</a>	Y	Y
Highland CC	Not offered	Not offered	Ken Larkins <a href="mailto:klarkins@highlandcc.edu">klarkins@highlandcc.edu</a>	Y	Y
Hutchinson CC	BI105 5 Hours	BIOLOGY II	Mark Nolen <a href="mailto:nolenm@hutchcc.edu">nolenm@hutchcc.edu</a>	Y	Y
Independence CC	BIO2115 5 Hours	BIOLOGY II: PRINCIPLES OF ORGANISMAL BIOLOGY	Thomas Weaver <a href="mailto:tweaver@indycc.edu">tweaver@indycc.edu</a>	Y	Y
JCCC	BIOL 150 5 Hours	BIOLOGY OF ORGANISMS		N	Y
KCKCC	BIOL0225 5 Hours	DIVERSITY OF ORGANISMS	Tyrun Flaherty <a href="mailto:tflaherty@kckcc.edu">tflaherty@kckcc.edu</a>	Y	Y
Labette CC	BIOL 129 5 Hours	PRINCIPLES OF BIOLOGY II	Daudi Langat <a href="mailto:dauid@labette.edu">dauid@labette.edu</a>	Y	Y

Neosho County CC	BIOL 255 3 Hours AND BIOL 256 2 Hours	BIOLOGY II AND BIOLOGY II LAB	Andrew Ouellette <a href="mailto:aouellette@neosho.edu">aouellette@neosho.edu</a>	Y	Y
Pratt CC	BIO 160 5 Hours	BIOLOGY II	Dave Chambers <a href="mailto:davec@prattcc.edu">davec@prattcc.edu</a>	Y	Y
Seward County CC	BI1515 5 Hours	BIOLOGY II FOR MAJORS	Jared Haas <a href="mailto:jared.haas@sccc.edu">jared.haas@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	BIO 135 5 Hours	BIOLOGY II	Travis Krehbiel <a href="mailto:tkrehbiel@wsutech.edu">tkrehbiel@wsutech.edu</a>	Y	Y
ESU	Not offered	Not offered	Tim Burnett <a href="mailto:tburnett@emporia.edu">tburnett@emporia.edu</a>	Y	Y
FHSU	BIOL250 3 HRS AND BIOL250L 1 HR OR BIOL490 3 HRS AND BIOL490L 1 HR OR BIOL260 3HRS AND BIOL260L 1 HR	BOTANY AND BOTANY LAB or GENERAL MICROBIOLOGY AND GENERAL MICROBIOLOGY LAB or ZOOLOGY AND ZOOLOGY LAB		N	Y
K-State	BIOL 201 5 Hours	ORGANISMIC BIOLOGY	Robert Bear <a href="mailto:bearr@ksu.edu">bearr@ksu.edu</a>	Y	Y
KU	BIOL 152 4 Hours	PRINCIPLES OF ORGANISMAL BIOLOGY	Trevor Rivers <a href="mailto:trivers@ku.edu">trivers@ku.edu</a>	Y	Y
PSU	BIOL-212 4 Hours	PRINCIPLES OF BIOLOGY II	Hermann Nonnenmacher <a href="mailto:hnonnenmacher@pittstate.edu">hnonnenmacher@pittstate.edu</a>	Y	Y
Washburn	BI103 0 Hour AND BI103 5 Hours	GENERAL ORGANISMAL BIO AND GENERAL ORGANISMAL BIO	Rodrigo Mercader <a href="mailto:rodrigo.mercader@washburn.edu">rodrigo.mercader@washburn.edu</a>	Y	Y
WSU	BIOL211 4 Hours AND BIOL211L 0 Hour	GENERAL BIOLOGY II AND GENERAL BIOLOGY II LAB	Kiley Hicks <a href="mailto:kiley.hicks@wichita.edu">kiley.hicks@wichita.edu</a>	Y	Y
<b>Total</b>				<b>17</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Summarize and explain the processes and mechanisms of evolution
2. Interpret organismal diversity using phylogenetic hypotheses
3. Relate structure to function in organisms
4. Explain how organisms interact with their environments
5. Design and perform experiments incorporating organisms in a laboratory setting
  - a. Develop observational skills from the microscopic to the macroscopic and ecological levels
  - b. Apply quantitative measurement skills incorporating the metric system
  - c. Interpret and communicate data using appropriate analytical and statistical skills

**Next Recommended Course for Articulation or Revision:** None Recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Trevor Rivers, KU and Andrew Ouellette, Neosho County CC

Date: 10/16/2020

Discipline: Business

Kansas Regents System Number (KRSN) and Title: BUS1030 Principles of Marketing (CLEP Exam)

Co-Chairs: Renee Harbin, Garden City Community College and Kissan Joseph, KU

Transfer and Articulation Council Liaison(s): Casey Fraites-Chapes, KU and Jennifer Seymour, WSU Tech

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

<b>PRINCIPLES OF MARKETING (CLEP EXAM)</b>					
<b>Institution</b>	<b>Course ID &amp; Credit Hours</b>	<b>Course Title</b>	<b>Institution Appointed Voting Faculty Member and E-mail</b>	<b>Present Y or N</b>	<b>Vote Y or N</b>
Allen CC	BUS278 3 Hours	MARKETING	Sherry Phelan <a href="mailto:phelan@allencc.edu">phelan@allencc.edu</a>	N	Y
Barton CC	BUSI1805 3 Hours	MARKETING	Deanna Heier <a href="mailto:heierd@bartonccc.edu">heierd@bartonccc.edu</a>	Y	Y
Butler CC	BA 140 3 Hours	INTRODUCTION TO MARKETING	Jared McGinley <a href="mailto:jmcginley@butlercc.edu">jmcginley@butlercc.edu</a>	Y	Y
Cloud County CC	BE155 3 Hours	MARKETING	Cathy Forshee <a href="mailto:cforshee@cloud.edu">cforshee@cloud.edu</a>	Y	Y
Coffeyville CC	BUSN 202 3 Hours	MARKETING	Debbie Allen <a href="mailto:allen.debbie@coffeyville.edu">allen.debbie@coffeyville.edu</a>	Y	Y
Colby CC	BU225 3 Hours	MARKETING	Sami Talsma <a href="mailto:sami.talsma@colbycc.edu">sami.talsma@colbycc.edu</a>	N	Y
Cowley CC	BUS1430 3 Hours	INTRODUCTION TO MARKETING	Elizabeth Peck <a href="mailto:Elizabeth.peck@cowley.edu">Elizabeth.peck@cowley.edu</a>	Y	Y
Dodge City CC	BUS 202 3 Hours	MARKETING	Jonathan Gilbert <a href="mailto:jgilbert@dc3.edu">jgilbert@dc3.edu</a>	N	Y
FSCC	BUS1293 3 Hours	INTRODUCTION TO MARKETING	Debra Cummings <a href="mailto:debrac@fortscott.edu">debrac@fortscott.edu</a>	Y	Y
Garden City CC	BSAD-123 3 Hours	MARKETING	Renee Harbin <a href="mailto:renee.harbin@gcccks.edu">renee.harbin@gcccks.edu</a>	Y	Y
Highland CC	BUS210 3 Hours	MARKETING	Angela Shaffer <a href="mailto:shaffer.angela@highlandcc.edu">shaffer.angela@highlandcc.edu</a>	Y	Y
Hutchinson CC	BU202 3 Hours	MARKETING	Kim Johnson <a href="mailto:johnsonk@hutchcc.edu">johnsonk@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered	Melissa Ashford <a href="mailto:mashford@indycc.edu">mashford@indycc.edu</a>	Y	Y
JCCC	MKT 230 3 Hours	MARKETING	Pamela Hulen <a href="mailto:phulen@jccc.edu">phulen@jccc.edu</a>	Y	Y
KCKCC	BUSN0113 3 Hours	MARKETING	Karen Gaines <a href="mailto:kgaines@kckcc.edu">kgaines@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered	Robert Bartelli <a href="mailto:robertb@labette.edu">robertb@labette.edu</a>	N	Y
Neosho County CC	MGMK 251 3 Hours	MARKETING	Richard Webber <a href="mailto:rwebber@neosho.edu">rwebber@neosho.edu</a>	Y	Y

Pratt CC	BUS234 3 Hours	MARKETING	John Patton <a href="mailto:johnp@prattcc.edu">johnp@prattcc.edu</a>	Y	Y
Seward County CC	BA1263 3 Hours	INTRODUCTION TO MARKETING	Lisa Kennedy <a href="mailto:lisa.kennedy@sccc.edu">lisa.kennedy@sccc.edu</a>	Y	Y
FHTC	BUS 137 3 Hours	MARKETING	Lori Moore <a href="mailto:lmoore@fhtc.edu">lmoore@fhtc.edu</a>	N	Y
MATC	Not offered	Not offered	Jason York <a href="mailto:jasonyork@manhattantech.edu">jasonyork@manhattantech.edu</a>	Y	Y
NCK Tech	BMGT104 3 Hours	MARKETING CONCEPTS	Jill Moeder <a href="mailto:jmoeder@ncktc.edu">jmoeder@ncktc.edu</a>	Y	Y
NWKTC	BA 210 3 Hours	PRINCIPLES OF MARKETING	Kayla Cowan <a href="mailto:kayla.cowan@nwktc.edu">kayla.cowan@nwktc.edu</a>	N	Y
SATC	Not offered	Not offered	Cindy Carter <a href="mailto:cindy.carter@salinatech.edu">cindy.carter@salinatech.edu</a>	N	Y
WSU Tech	Not offered	Not offered	Penny Seiwert <a href="mailto:pseiwert@wsutech.edu">pseiwert@wsutech.edu</a>	Y	Y
ESU	MK301 3 Hours	PRINCIPLES OF MARKETING	Joyce Zhou <a href="mailto:xzhou@emporia.edu">xzhou@emporia.edu</a>	Y	Y
FHSU	MKT301 3 Hours	MARKETING PRINCIPLES	Mike Martin/Christina Glenn <a href="mailto:ceglenn@fhsu.edu">ceglenn@fhsu.edu</a>	Y	Y
K-State	MKTG 400 3 Hours	INTRODUCTION TO MARKETING	David Fallin/J.J. Brotton <a href="mailto:jjbrotton@ksu.edu">jjbrotton@ksu.edu</a>	Y	Y
KU	MKTG 310 3 Hours	MARKETING	Kissan Joseph <a href="mailto:kjoseph@ku.edu">kjoseph@ku.edu</a>	Y	Y
PSU	MKTG-330 3 Hours	PRINCIPLES OF MARKETING	Lynn Murray <a href="mailto:lmurray@pittstate.edu">lmurray@pittstate.edu</a>	Y	Y
Washburn	BU360 3 Hours	PRINCIPLES OF MARKETING	David Sollars <a href="mailto:David.sollars@washburn.edu">David.sollars@washburn.edu</a>	Y	Y
WSU	MKT300 3 Hours	MARKETING	Dorothy Harpool <a href="mailto:Dorothy.harpool@wichita.edu">Dorothy.harpool@wichita.edu</a>	Y	Y
<b>Total</b>				<b>25</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Recognize the scope and role of marketing in enhancing the welfare of consumers, organizations, and society.
2. Identify key elements of consumer and organizational buying behavior and the marketing research process.
3. Examine ways to segment markets, choose targeting strategies, and position products.
4. Identify and describe elements of the marketing mix, including product, price, place (distribution), and promotion.
5. Recognize the influence of the external environment on marketing, including global influences
6. Identify legal, regulatory, and ethical issues impacting marketing activities.
7. Show an understanding of the strategic marketing planning process.

**Next Recommended Course for Articulation or Revision:** Business Communications or Sales/Principles of Selling

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

**Notes/Comments:**

RE: KCOG Business Courses 10/16/20

The meeting opened with an introduction by the TAAC Liaisons: Casey Fraites-Chapes and Jennifer Seymour followed by the Co-Chairs: Renee Harbin from Garden City Community College and Kissan Joseph from the University of Kansas. The meeting was conducted via zoom breakout session.

The group began with the Personal Finance class that was up for review. The group reviewed each of the outcomes and determined that these outcomes were fine. There was no further discussion and the vote was taken. All schools present approved the outcomes (Dodge City CC and Washburn were not represented). Please see the attached Personal Finance Report for representatives and vote information.

The group suggested the following courses for future review: Business Communications and Sales or Principles of Selling.

The next course reviewed was Principles of Marketing which is a new course presented for review. The group examined the CLEP outcomes along with individual syllabi outcomes. The group then began identifying broad topics that they covered in their respective courses. There were concerns regarding upper level courses being taught at the community colleges. The group stressed that these outcomes are a minimum expectation and that individual institutions could add to these outcomes. After much discussion, we came to a consensus on the student learning outcomes. All schools present voted to approve the following outcomes. There were two substitutions for representatives: Mike Martin represented FHSU and David Fallin represented KSU. Seward CC

got disconnected from Zoom for the vote but submitted their affirmative email vote. We were missing representatives from Allen CC, Colby CC, Dodge City CC, Labette CC, FHTC, NWKTC, SATC. Please see the attached Principles of Marketing Report for representatives and vote information.

Finally, the Principles of Marketing group discussed possible courses for future review and suggested the same courses as previously mentioned by the Personal Finance group. The courses suggested were Business Communication and Sales or Personal Selling. There was concern about offering the Sales course due to upper level connections and networking opportunities that may be missed.

These notes will be emailed to the group for review before they are submitted to Karla Wiscombe prior to 10/30/20.

*\*The notes/comments constitute the author's understanding of the meeting and may or may not reflect or represent the views of all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The 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.*



Date: 10/16/2020

Discipline: Business

Kansas Regents System Number (KRSN) and Title: BUS1010 Personal Finance

Co-Chairs: Renee Harbin, Garden City Comm College and Kissan Joseph, KU

Transfer and Articulation Council Liaison(s): Casey Fraites-Chapes, KU and Jennifer Seymour, WSU Tech

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PERSONAL FINANCE					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	BUS 125 3 Hours	PERSONAL FINANCE	Sherry Phelan <a href="mailto:phelan@allenc.edu">phelan@allenc.edu</a>	Y	Y
Barton CC	ECON 1615 3 Hours	PERSONAL FINANCE	Kathy Boeger <a href="mailto:boegerk@bartonccc.edu">boegerk@bartonccc.edu</a>	Y	Y
Butler CC	BA 112 3 Hours	PERSONAL FINANCE	Janice Akao <a href="mailto:jakao@butlercc.edu">jakao@butlercc.edu</a>	Y	Y
Cloud County CC	BE 153 3 Hours	PERSONAL FINANCE	Susan Greene <a href="mailto:sgreene@cloud.edu">sgreene@cloud.edu</a>	Y	Y
Coffeyville CC	BUSN 119 3 Hours	PERSONAL FINANCE	Carolyn Nelson <a href="mailto:nelson.carolyn@coffeyville.edu">nelson.carolyn@coffeyville.edu</a>	Y	Y
Colby CC	BU 176 3 Hours	PERSONAL FINANCE	Crystal Pounds <a href="mailto:crystal.pounds@colbycc.edu">crystal.pounds@colbycc.edu</a>	Y	Y
Cowley CC	BUS 1315 3 Hours	PERSONAL FINANCE	Elizabeth Peck <a href="mailto:Elizabeth.peck@cowley.edu">Elizabeth.peck@cowley.edu</a>	Y	Y
Dodge City CC	BUS 247 3 Hours	PERSONAL FINANCE	Jonathan Gilbert <a href="mailto:jgilbert@dc3.edu">jgilbert@dc3.edu</a>	N	Y
FSCC	ECO 2703 3 Hours	PERSONAL FINANCE AND MONEY MANAGEMENT	Debra Cummings <a href="mailto:debrac@fortscott.edu">debrac@fortscott.edu</a>	Y	Y
Garden City CC	BSAD-130 3 Hours	PERSONAL FINANCE	Charles Marcy <a href="mailto:Charles.marcy@gcccks.edu">Charles.marcy@gcccks.edu</a>	Y	Y
Highland CC	BUS 102 3 Hours	PERSONAL FINANCE	Laura Young <a href="mailto:lyoung@highlandcc.edu">lyoung@highlandcc.edu</a>	Y	Y
Hutchinson CC	BU 107 3 Hours	PERSONAL FINANCE	Roy Johnson <a href="mailto:johnsonr@hutchcc.edu">johnsonr@hutchcc.edu</a>	Y	Y
Independence CC	BUS 1003 3 Hours	PERSONAL FINANCE	Tamara Blaes <a href="mailto:tblaes@indycc.edu">tblaes@indycc.edu</a>	Y	Y
JCCC	BUS 123 3 Hours	PERSONAL FINANCE	Leroy Cox <a href="mailto:leroycox@jccc.edu">leroycox@jccc.edu</a>	Y	Y
KCKCC	BUSN 0105 3 Hours	PERSONAL FINANCE	Kris Ball <a href="mailto:kball@kckcc.edu">kball@kckcc.edu</a>	Y	Y
Labette CC	BUAD 205 3 Hours	PERSONAL FINANCE	Robert Bartelli <a href="mailto:robertb@labette.edu">robertb@labette.edu</a>	Y	Y

Neosho County CC	BUSI 130 3 Hours or FCS 230 3 Hours	PERSONAL & FAMILY FIN or PERSONAL & FAMILY FIN	James Halstead <a href="mailto:jhalstead@neosho.edu">jhalstead@neosho.edu</a>	Y	Y
Pratt CC	BUS 176 3 Hours	PERSONAL FINANCE	John Patton <a href="mailto:johnp@prattcc.edu">johnp@prattcc.edu</a>	Y	Y
Seward County CC	BA 1183 3 Hours	PERSONAL FINANCE	Lisa Kennedy <a href="mailto:lisa.kennedy@sccc.edu">lisa.kennedy@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	BUS 111 3 Hours	PERSONAL FINANCE	Jason York <a href="mailto:jasonyork@manhattantech.edu">jasonyork@manhattantech.edu</a>	Y	Y
NCK Tech	BMGT 111 3 Hours	FOUNDATIONS OF PERSONAL FINANCE	Jill Moeder <a href="mailto:jmoeder@ncktc.edu">jmoeder@ncktc.edu</a>	Y	Y
NWKTC	BA 215 3 Hours	PERSONAL FINANCE	Trista Zimmerman <a href="mailto:Trista.zimmerman@nwktc.edu">Trista.zimmerman@nwktc.edu</a>	Y	Y
SATC	BUS 120 3 Hours	PERSONAL FINANCE	Cindy Carter <a href="mailto:cindy.carter@salinatech.edu">cindy.carter@salinatech.edu</a>	Y	Y
WSU Tech	BUS 130 3 Hours	PERSONAL FINANCE	Penny Seiwert <a href="mailto:pseiwert@swutech.edu">pseiwert@swutech.edu</a>	Y	Y
ESU	BU 241 3 Hours	PERSONAL FINANCE	Steven Younger <a href="mailto:syounger@emporia.edu">syounger@emporia.edu</a>	Y	Y
FHSU	FIN 205 3 Hours	THEORY AND PRACTICE OF PERSONAL FINANCE	Christina Glenn <a href="mailto:ceglenn@fhsu.edu">ceglenn@fhsu.edu</a>	Y	Y
K-State	PFP 105 3 Hours	INTRO TO PFP	Blain Pearson <a href="mailto:bmpearson@ksu.edu">bmpearson@ksu.edu</a>	Y	Y
KU	FIN 101 3 Hours	PERSONAL FINANCE	Ted Juhl <a href="mailto:juhl@ku.edu">juhl@ku.edu</a>	Y	Y
PSU	FCS-230 3 Hours	CONSUMER ED & PERSONAL FINANCE	Goldie Prelogar <a href="mailto:gprelogar@pittstate.edu">gprelogar@pittstate.edu</a>	Y	Y
Washburn	BU 180 3 Hours	PERSONAL FINANCE	Rob Hull <a href="mailto:rob.hull@washburn.edu">rob.hull@washburn.edu</a>	N	Y
WSU	FIN 140 3 Hours	PERSONAL FINANCE	Rick LeCompte <a href="mailto:rick.lecompte@wichita.edu">rick.lecompte@wichita.edu</a>	Y	Y
<b>Total</b>				<b>29</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Explain personal financial planning, financial statements, time value of money, and budgets
2. Explain the benefits and potential costs of consumer credit
3. Evaluate housing needs, large purchases, and financing alternatives
4. Identify fundamental tax strategies
5. Identify how insurance is used to manage risk
6. Compare Investment and retirement planning alternatives and strategies
7. Explain the estate planning process

**Next Recommended Course for Articulation or Revision:** Business Communication or Sales/Principles of Selling

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None recommended

**Notes/Comments:**

RE: KCOG Business Courses 10/16/20

The meeting opened with an introduction by the TAAC Liaisons: Casey Fraites-Chapes and Jennifer Seymour followed by the Co-Chairs: Renee Harbin from Garden City Community College and Kissan Joseph from the University of Kansas. The meeting was conducted via zoom breakout session.

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Date: 10/16/2020

Discipline: Business

Kansas Regents System Number (KRSN) and Title: BUS2010 Principles of Leadership

Co-Chairs: Jason Sharp, LCC and Mike Ross, WSU

Transfer and Articulation Council Liaison(s): Daniel Archer, KBOR and Karla Wiscombe, KBOR

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PRINCIPLES OF LEADERSHIP					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	LDR 101 3 Hours	PRINCIPLES OF LEADERSHIP	Ryan Bilderback <a href="mailto:rbilderback@allencc.edu">rbilderback@allencc.edu</a>	Y	Y
Barton CC	BUSI 1602 3 Hours or LEAD 1000 3 Hours	INTRODUCTION TO LEADERSHIP or INTRODUCTION TO LEADERSHIP CONCEPTS	Kathy Boeger <a href="mailto:boegerk@bartonccc.edu">boegerk@bartonccc.edu</a>	Y	Y
Butler CC	LS 150 3 Hours	EXPLORING LEADERSHIP		N	Y
Cloud County CC	BE 210 3 Hours	LEADERSHIP DEVELOPMENT	Shelly Farha <a href="mailto:sfarha@cloud.edu">sfarha@cloud.edu</a>	Y	Y
Coffeyville CC	BUSN 175 3 Hours	INTRODUCTION TO LEADERSHIP	Debbie Allen <a href="mailto:allen.debbie@coffeyville.edu">allen.debbie@coffeyville.edu</a>	N	Y
Colby CC	BU 131 3 Hours	ORGANIZATIONAL LEADERSHIP		N	Y
Cowley CC	LED 1448 3 Hours	INTRODUCTION TO LEADERSHIP	Emily Brown <a href="mailto:emily.brown@cowley.edu">emily.brown@cowley.edu</a>	Y	Y
Dodge City CC	LEAD 201 3 Hours	THEORY OF LEADERSHIP	Rodney Clayton <a href="mailto:rclayton@dc3.edu">rclayton@dc3.edu</a>	Y	Y
FSCC	PSY 1032 3 Hours	LEADERSHIP DEVELOPMENT	Buddy Jo Tanck <a href="mailto:buddyt@fortscott.edu">buddyt@fortscott.edu</a>	Y	Y
Garden City CC	PSYC-106 3 Hours	ORGANIZATIONAL LEADERSHIP	Tammy Hutcheson <a href="mailto:tammy.hutcheson@gcccks.edu">tammy.hutcheson@gcccks.edu</a>	Y	Y
Highland CC	IDS 120 3 Hours	INTRODUCTION TO LEADERSHIP CONCEPTS	Erin Shaw <a href="mailto:eshaw@highlandcc.edu">eshaw@highlandcc.edu</a>	Y	Y
Hutchinson CC	BU 118 3 Hours	INTRODUCTION TO LEADERSHIP	Dan Naccarato <a href="mailto:naccaratod@hutchcc.edu">naccaratod@hutchcc.edu</a>	Y	Y
Independence CC	MDM 1303 3 Hours	INTRODUCTIN TO LEADERSHIP CONCEPTS	Marg Yaroslaski <a href="mailto:myaroslaski@indycc.edu">myaroslaski@indycc.edu</a>	Y	Y
JCCC	LEAD 130 3 Hours	LEADERSHIP AND CIVIC ENGAGEMENT		N	Y
KCKCC	HONR 0202 3 Hours	PHI THETA KAPPA LEADERSHIP DEVELOPMENT STUDIES	Lakshmy Sivaratnam <a href="mailto:lsivaratnam@kckcc.edu">lsivaratnam@kckcc.edu</a>	Y	Y

Labette CC	BUAD 106 3 Hours	PRINCIPLES OF LEADERSHIP	Jason Sharp <a href="mailto:jasons@labette.edu">jasons@labette.edu</a>	Y	Y
Neosho County CC	HUM 250 3 Hours	LEADERSHIP	Richard Webber <a href="mailto:rwebber@neosho.edu">rwebber@neosho.edu</a>	N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	SS 1213 3 Hours	INTRODUCTION TO LEADERSHIP		N	Y
FHTC	BUS 134 3 Hours	LEADERSHIP DEVELOPMENT	Lori Moore <a href="mailto:lmoore@fhct.edu">lmoore@fhct.edu</a>	Y	Y
MATC	BUS 190	LEADERSHIP DEVELOPMENT		N	Y
NCK Tech	BMGT 101 3 Hours	LEADERSHIP	Darsey Offutt <a href="mailto:doffutt@ncktc.edu">doffutt@ncktc.edu</a>	Y	Y
NWKTC	BA 130 3 Hours	LEADERSHIP	Kayla Cowan <a href="mailto:kayla.cowan@nwktc.edu">kayla.cowan@nwktc.edu</a>	Y	Y
SATC	BAT 184 3 Hours	LEADERSHIP		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	LR 170 3 Hours	PRINCIPLES OF LEADERSHIP		N	Y
FHSU	LDRS 300 3 Hours	INTRODUCTION TO LEADERSHIP CONCEPTS	Brett Whitaker <a href="mailto:blwhitaker@fhsu.edu">blwhitaker@fhsu.edu</a>	Y	N
K-State	LEAD 212 3 Hours or LEAD 212 3 Hours	INTRO LDRSHP CONCEPTS or INTRO LDRSHP CONCEPTS	Trisha Gott <a href="mailto:tcgott@ksu.edu">tcgott@ksu.edu</a>	Y	N
KU	LDST 202 3 Hours and LDST 201 3 Hours	INTRO TO LEADERSHIP APPLICATIONS AND INTRODUCTION TO LEADERSHIP	Mary Banwart <a href="mailto:mbanwart@ku.edu">mbanwart@ku.edu</a>	Y	N
PSU	Not offered	Not offered		N	Y
Washburn	LE 100 3 Hours	EXPLORING THE CONCEPT OF LEADERSHIP		N	Y
WSU	EDUC 310 3 HOURS	PRINCIPLES OF LEADERSHIP	Mike Ross <a href="mailto:mike.ross@wichita.edu">mike.ross@wichita.edu</a>	Y	Y
<b>Total</b>				<b>19</b>	<b>29</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Analyze personal strengths, styles and preferences that contribute to leadership
2. Explore, apply, and reflect on basic concepts of leadership
3. Examine the relationship of ethics, diversity, and inclusion in leadership
4. Communicate knowledge about and application of leadership to others
5. Observe and critique leadership in a community setting

**Next Recommended Course for Articulation or Revision:** None Recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

**Notes/Comments:**

Kansas Core Outcomes Group Conference

October 16, 2020

Kansas Regents Systems Number and Title: BUS2010 Principles of Leadership  
Meeting Minutes

Prior to the start of the meeting there was discussion and questions about why the group was meeting on this course again. Transfer and Articulation Council (TAAC) liaison Daniel Archer (KBOR) explained some of the current concerns about the process and courses from the 2018 meeting. All members were moved to the breakout session shortly after the start time. The committee went through the order listed on the Group Conference Report for introductions and confirmation of attendance (see report document).

Co-Chair Mike Ross (Wichita State University) reviewed the agenda for the group meeting that included four items for review:

1. Brief review of the [Student Learning Outcome Development Guide](#)
2. Articulate and/or revise student learning outcomes for the Principles of Leadership course currently part of System Wide Transfer (SWT) and conduct a vote to approve the outcomes
3. Faculty discussion of relevant topics surrounding the teaching of the course
4. Discuss next steps in meeting again to review objectives

**Faculty discussion of relevant topics:**

Marg Yaroslaski (Independence Community College) shared with the committee her leadership panel discussions for the course in response to the pandemic and altered nature of the course. Marg was able to offer students a Zoom meeting option with a Chief of Cherokee Tribe and a Columnist to hear about and discuss various leadership topics. No other topics were discussed.

**New business (review of course outcomes):**

April Henry (KBOR) shared her screen on the Zoom call to display the current outcomes for the SWT course Principles of Leadership. The outcomes (approved in 2018) included:

1. Analyze personal strengths, styles and preferences that contribute to leadership
2. Explore, apply, and reflect on basic concepts of leadership
3. Examine the relationship of ethics, diversity, and inclusion in leadership
4. Communicate knowledge about and application of leadership to others
5. Observe and critique leadership in a community setting

Co-Chair Ross asked for discussion from the group on the outcomes.

Shelly Farha (Cloud County Community College) made a motion to accept the current outcomes, adding she felt the outcomes were written very well in 2018 and received support from faculty in attendance at KCOG that year.

Yaroslaski (ICC) seconded the motion, and Ross (WSU) opened the floor for discussion.

Brett Whitaker (Fort Hays State University) discussed the desire to switch the class listing for his university. He stated he liked the approved outcomes from 2018 but the outcomes did not match the class listed in the report. He also stated that another course on campus did match the outcomes perfectly and would like that course listed instead. Archer (KBOR) and TAAC Liaison Karla Wiscombe (KBOR) advised there was a process in place for schools to change courses from those that appear on the

report. This led to more discussion and Whitaker asking for specific requirements for having courses listed and evaluated after a course FHSU offered for SWT was rejected. Archer (KBOR) replied to some specifics about the listed course at FHSU, clarifying that the "practice of not offering the course did not align with the spirit of SWT, as the intent was to ensure that the course transfers both in, and out, of institutions". Wiscombe (KBOR) informed Whitaker (FHSU) of the other criteria which can be found on [KBOR's Transfer & Articulation Council website](#). Archer (KBOR) then recommended the appeal process for changing courses. Whitaker (FHSU) asked for any student complaints to be shared with the institutions regarding courses not transferring and Archer (KBOR) mentioned he believes there is currently no data collection on that by TAAC.

Trisha Gott (Kansas State University) explained how each university's programs were so diverse that the course could potentially be distinctively different and questioned how many students were not able to transfer the course and options. Gott (KSU) discussed the confusion from 2018 that there was agreement on the ability for faculty to go back and develop a new course if there were no current courses being offered that matched the approved outcomes.

Lakshmy Sivaratnam (Kansas City Kansas Community College) advised from an advisor's standpoint that they needed to know and wanted clear course transfer. Co-Chair Jason Sharp (Labette Community College) noted an asterisk on the transfer guide that stated "The decision for lower level division courses to count toward upper division credit hours required for graduation is at the discretion of the institution" which potentially poses a challenge when advising.

Kayla Cowan (Northwest Kansas Technical College) questioned whether or not a new general education class could be created to meet the outcomes. Yaroslaski (ICC) stated she didn't want the universities to offer a different general education course because of the potential negative impact it could have on enrollment in a SWT course in the two-year schools.



Mary Banwart (University of Kansas) asked if the TAAC had talked to any faculty about any potential issues with courses in the report not matching what faculty wished to be offered at their school for the SWT. This started a larger group discussion about miscommunications in the minutes from 2018, including processes and expectations from those in attendance at the previous meeting. Wiscombe (KBOR) explained the TAAC looks at how courses are transferring to universities for potential recommendations, and every institution accepted Washburn's leadership course and that's why TAAC felt it would be a good starting point for the development of objectives in the previous meeting.

Lakshmy (KCKCC) reminded the group that the outcomes are a bare minimum to be used. If needed, additional outcomes could be added to specific courses. She then asked for clarification on what the group was voting on; was it indeed just the outcomes and not the courses listed in the report (as the appeal process could potentially change the courses and is a separate issue). Wiscombe (KBOR) clarified that the vote on the outcomes was tied into the courses listed in the report and that any school that wishes to change the course associated with the report would need to work through the appeals Rrocess.

Sharp (LCC) then added that procedurally, regardless of the outcome of the voting, that the course outcomes would likely be the same since there was support within the group on them both in 2018 and 2020. He also reminded the group that a 'no' vote would result in the use of the previous outcomes approved in 2018 and courses currently listed in the report. A 'yes' vote would result in not changing any of the outcomes from those approved in 2018 and move forward with courses listed in the report. He added that another option would be to add more outcomes to the minimum list that would meet the needs of the current courses listed.

Many members voiced they did not wish to change the outcomes as much time has been spent incorporating the outcomes into teaching and they were approved in 2018, but the concern was in instead in the courses listed as being part of SWT in the report. Whitaker (FHSU) requested notes be taken in conjunction with votes in hopes of explaining rationale of the vote to KBOR and Wiscombe (KBOR) approved. Ross (WSU) then asked for any further discussion. There was none, discussion was closed, and the group moved to a vote.

**Motion up for vote: Move to accept the course outcomes as approved in 2018.**

Motion received a second, and discussion was concluded. Vote was conducted using a voice roll call of attendees and the results follow below.

**Vote:**

'Yes' - 25/25 two-year institution representatives; 4 university representatives

'No' - 0/25 two-year institution representatives; 3 university representatives

**Motion failed.**

While the majority threshold of 18 yes votes was met by the two-year representatives, the threshold of majority with five yes votes from university representatives was not achieved and the motion failed. With the failure to approve the motion, the report from 2018 stands.

Several university representatives requested to include notes on their vote and are as follows:

Whitaker (FHSU) stated he would have loved to vote yes because the outcomes were good outcomes and they have a class to fit for this but it is not the course listed in the report. He felt forced to vote 'no' since the course in the report is not the one he wishes to have listed and plans to work through the appeal process.

Gott (KSU) stated she agreed with Whitaker (FHSU) and they too were in a similar situation and would be discussing this with her institution's Chief Academic Officer on how best to move forward. While she approves of the outcomes, she voted 'no' on the motion as it was not aligned with the correct course at KSU.

Banwart (KU) stated she too supports the current outcomes, but the wrong class is listed for her institution as well. She voted 'no' and plans to complete the paperwork in the appeals process to get the correct course listed.

After voting concluded, more discussion resumed about next steps. Wiscombe (KBOR) then shared the [TAAC procedures for SWT](#) and [appeals process](#). She walked everyone through the website and showed the different posted documents to assist in better understanding of the process.

Banwart (KU) questioned why those schools who do not attend KCOG or abstain from voting count as a 'yes' vote as it appears it would inflate voting on approval. Wiscombe (KBOR) acknowledged that each Regent institution receives a vote regardless of participation, and that is how the procedure was originally written. She then stated the spirit of the procedure was to lessen the chance that non-participation provides a barrier to having classes added to SWT. There were some additional questions about Emporia State University and their dropping of the program in relationship to their course listed. Wiscombe (KBOR) and Archer (KBOR) explained it was still a general education option and that the institution was in a 'teach-out phase' for that course.

#### **Future meeting planning:**

Ross (WSU) and Sharp (LCC) asked for thoughts on the timeframe of meeting again, and attendees agreed that the outcomes from 2018 were still acceptable and would not need to be reviewed for another five years. Volunteers were requested for chairing this future group. Yaroslaski (ICC) and Sharp (LCC) offered to help in the future. Ross (WSU) concluded the meeting by thanking Sharp (LCC) for his efforts to record meeting minutes, and April Henry (KBOR) for sharing her screen throughout the meeting.

#### **Meeting adjourned at 2:28 p.m.**

*\*The notes/comments constitute the author's understanding of the meeting and may or may not reflect or represent the views of all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The 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.*

Date: 10/16/2020

Discipline: Chemistry

Kansas Regents System Number (KRSN) and Title: CHM1030 General Chemistry & Lab for Non-Majors

Co-Chairs: James Balthazor, FHSU and Dani Anthony, Butler CC

Transfer and Articulation Council Liaison(s): Phil Speary, Butler CC and Tricia Parks, FHTC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

GENERAL CHEMISTRY and LAB FOR NON-MAJORS					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	CHE 105 5 Hours	INTRODUCTION TO CHEMISTRY	Todd Francis <a href="mailto:francis@allenc.edu">francis@allenc.edu</a>	Y	Y
Barton CC	CHEM 1802 5 Hours	FUNDAMENTALS OF GENERAL CHEMISTRY	Amanda Alliband <a href="mailto:allibanda@bartonccc.edu">allibanda@bartonccc.edu</a>	Y	Y
Butler CC	CH 106 5 Hours	INTRODUCTORY CHEMISTRY: GENERAL, ORGANIC, AND BIOCHEMISTRY	Dani Anthony <a href="mailto:dani_anthony@att.net">dani_anthony@att.net</a>	Y	Y
Cloud County CC	SC 130 5 Hours	GENERAL CHEMISTRY	Abu Hossion <a href="mailto:ahossion@cloud.edu">ahossion@cloud.edu</a>	Y	Y
Coffeyville CC	CHEM 101 5 Hours	FUNDAMENTALS OF CHEMISTRY	Amy Lumley <a href="mailto:lumley.amy@coffeyville.edu">lumley.amy@coffeyville.edu</a>	Y	Y
Colby CC	CH 176 5 Hours	FUNDAMENTALS OF CHEMISTRY (W/LAB)		N	Y
Cowley CC	CHM 4211 5 Hours	GENERAL CHEMISTRY	Chad Killblane <a href="mailto:chad.killblane@cowley.edu">chad.killblane@cowley.edu</a>	Y	Y
Dodge City CC	CHEM 100 5 Hours or CHEM 100 5 Hours	FUNDAMENTALS OF CHEMISTRY or GENERAL CHEMISTRY	Stacy Stegall <a href="mailto:sstegall@dc3.edu">sstegall@dc3.edu</a>	Y	Y
FSCC	CHE 1095 5 Hours	BASIC CHEMISTRY	Robert Doyle <a href="mailto:robertd@fortdscott.edu">robertd@fortdscott.edu</a>	Y	Y
Garden City CC	CHEM 105 5 Hours	GENERAL CHEMISTRY	Wanda Rodriguez-Rivera <a href="mailto:wanda.rodriguez-rivera@gcccks.edu">wanda.rodriguez-rivera@gcccks.edu</a>	Y	Y
Highland CC	PS 107 5 Hours	GENERAL CHEMISTRY	Melissa Illingworth <a href="mailto:millingworth@highlandcc.edu">millingworth@highlandcc.edu</a>	Y	Y
Hutchinson CC	CH 101 5 Hours	GENERAL CHEMISTRY	Jennifer Wiens <a href="mailto:wiensj@hutchcc.edu">wiensj@hutchcc.edu</a>	Y	Y
Independence CC	PHS 1015 5 Hours	CHEMISTRY FOR NON-MAJORS		N	Y
JCCC	CHEM 120 4 Hours	CHEMISTRY IN SOCIETY	Michelle Clark <a href="mailto:mclark31@jccc.edu">mclark31@jccc.edu</a>	Y	Y
KCKCC	CHEM 0109 5 Hours	GENERAL CHEMISTRY	Alicia Tolbert <a href="mailto:atolbert@kckcc.edu">atolbert@kckcc.edu</a>	Y	Y

Labette CC	CHEM 120 5 Hours	INTRODUCTION TO CHEMISTRY		N	Y
Neosho County CC	CHEM 105 3 Hours AND CHEM 106 2 Hours	INTRODUCTION TO CHEMISTRY AND INTRODUCTION TO CHEMISTRY LAB	Luka Kapkiai <a href="mailto:lkapkiai@neosho.edu">lkapkiai@neosho.edu</a>	N	Y
Pratt CC	CHM 176 5 Hours	FUNDAMENTALS OF CHEMISTRY	Paul Primrose <a href="mailto:paulp@prattcc.edu">paulp@prattcc.edu</a>	Y	Y
Seward County CC	CH 1205 5 Hours	INTRODUCTION TO CHEMISTRY	William Bryan <a href="mailto:william.bryan@sccc.edu">william.bryan@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	CHM 105 5 Hours OR CHM 105 3 Hours	INTRODUCTION TO CHEMISTRY or INTRODUCTION TO CHEMISTRY	Chelsea Weese <a href="mailto:chelseaweese@manhattantechical.edu">chelseaweese@manhattantechical.edu</a>	Y	Y
NCK Tech	CHEM 100 4 Hours	THE CHEMIST'S VIEW OF THE WORLD	Keri Maricle <a href="mailto:kmaricle@ncktc.edu">kmaricle@ncktc.edu</a>	Y	Y
NWKTC	SCI 176 5 Hours	FUNDAMENTALS OF CHEMISTRY W/LAB		N	Y
SATC	CHM 101 5 Hours OR CHM 105 3 Hours AND CHM 110 2 Hours	GENERAL CHEMISTRY or GENERAL CHEMISTRY AND GENERAL CHEMISTRY LAB		N	Y
WSU Tech	CHM 110 5 Hours	GENERAL CHEMISTRY	Linda Grossman <a href="mailto:lgrossman@wsutech.edu">lgrossman@wsutech.edu</a>	Y	Y
ESU	CH 120 3 Hours AND CH 121 2 Hours	GENERAL CHEMISTRY AND GENERAL CHEMISTRY LAB	Jason Applegate <a href="mailto:jappleg2@emporia.edu">jappleg2@emporia.edu</a>	Y	Y
FHSU	CHEM 105 1 Hours AND CHEM 100 3 Hours	INTRODUCTION TO THE CHEMISTRY LABORATORY AND THE CHEMIST'S VIEW OF THE WORLD	James Balthazor <a href="mailto:jbalthazor@fhsu.edu">jbalthazor@fhsu.edu</a>	Y	Y
K-State	CHM 111 1 Hours AND CHM 110 3 Hours	GEN CHEM LAB AND GENERAL CHEMISTRY	Yifen Li <a href="mailto:yifenli@ksu.edu">yifenli@ksu.edu</a>	Y	Y
KU	CHEM 110 5 Hours	INTRODUCTORY CHEMISTRY	David Benson <a href="mailto:drb@ku.edu">drb@ku.edu</a>	Y	Y
PSU	CHEM 105 3 Hours AND CHEM 106 1 Hours	INTRODUCTORY CHEMISTRY AND INTRODUCTORY CHEMISTRY LAB	Kristofer Mijares <a href="mailto:kimijares@pittstate.edu">kimijares@pittstate.edu</a>	Y	Y

Washburn	CH 121 5 Hours AND CH 121 0 Hours	GENERAL, ORGANIC & BIO CHEM AND GENERAL, ORGANIC & BIO CHEM	Allan Ayella <a href="mailto:allan.ayella@washburn.edu">allan.ayella@washburn.edu</a>	Y	Y
WSU	CHEM 103 5 Hours AND CHEM 103L 0 Hours	INTRODUCTORY CHEMISTRY AND INTRODUCTORY CHEMISTRY LAB	Jim Bann <a href="mailto:jim.bann@wsu.edu">jim.bann@wsu.edu</a>	N	Y
<b>Total</b>				<b>24</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Explain the chemical context of topics as they relate to the natural sciences and society.
2. Demonstrate knowledge of atoms, the periodic table, molecular structure, and bonding.
3. Recognize differences between phases of matter.
4. Identify and analyze different types of chemical reactions, including energetics and stoichiometry.
5. Solve problems involving solutions, gases, and acids and bases.
6. Record quantitative and qualitative data accurately. Critically analyze data and chemical information from various sources responsibly and accurately.
7. Apply knowledge of good laboratory practices.

**Next Recommended Course for Articulation or Revision:** None Recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None recommended

Date: 10/16/2020

Discipline: Criminal Justice

Kansas Regents System Number (KRSN) and Title: CRJ2010 Criminal Law

Co-Chairs: Shane Finley, Highland Community College

Transfer and Articulation Council Liaison(s): Eric Ketchum, Highland CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

CRIMINAL LAW					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	CJS 221 3 Hours	CRIMINAL LAW	Chris Bush	Y	Y
Barton CC	CRIM 1614 3 Hours	CRIMINAL LAW	Melissa Stevens <a href="mailto:stevensm@bartonccc.edu">stevensm@bartonccc.edu</a>	Y	Y
Butler CC	CJ 204 3 Hours	CRIMINAL LAW	Miles Erpelding <a href="mailto:merpeldi@butlercc.edu">merpeldi@butlercc.edu</a>	Y	Y
Cloud County CC	AJ 206 3 Hours	CRIMINAL LAW	Kristina Frost <a href="mailto:kfrost@cloud.edu">kfrost@cloud.edu</a>	Y	Y
Coffeyville CC	Not Offered	Not Offered	Kristi Brautman <a href="mailto:brautman.kristi@coffeyville.edu">brautman.kristi@coffeyville.edu</a>	Y	Y
Colby CC	Not Offered	Not Offered		N	Y
Cowley CC	CRJ 5456 3 Hours	CRIMINAL LAW	Frank Owens <a href="mailto:frank.owens@cowley.edu">frank.owens@cowley.edu</a>	Y	Y
Dodge City CC	CJC 250 3 Hours	CRIMINAL LAW	Travis Grasser <a href="mailto:tgrasser@dc3.edu">tgrasser@dc3.edu</a>	Y	Y
FSCC	CRJ 2093 3 Hours	CRIMINAL LAW	Vanessa Poyner <a href="mailto:vanessap@fortscott.edu">vanessap@fortscott.edu</a>	Y	Y
Garden City CC	CRIM-103 3 Hours	CRIMINAL LAW	Brandy Unruh <a href="mailto:brandy.unruh@gcccks.edu">brandy.unruh@gcccks.edu</a>	Y	Y
Highland CC	CJ 201 3 Hours	CRIMINAL LAW	Shane Finley <a href="mailto:sfinley@highlandcc.edu">sfinley@highlandcc.edu</a>	Y	Y
Hutchinson CC	LE 205 3 Hours	CRIMINAL LAW	Sheldon Stewart <a href="mailto:stewarts@hutchcc.edu">stewarts@hutchcc.edu</a>	Y	Y
Independence CC	Not Offered	Not Offered		N	Y
JCCC	CJ 141 3 Hours	CRIMINAL LAW		N	Y
KCKCC	CRJS 0203 3 Hours	CRIMINAL LAW	Suzie Tousey <a href="mailto:ctousey@kckcc.edu">ctousey@kckcc.edu</a>	Y	Y
Labette CC	CRIM 137 3 Hours	CRIMINAL LAW	Jason Sharp <a href="mailto:jasons@labette.edu">jasons@labette.edu</a>	N	Y
Neosho County CC	CRIM 122 3 Hours	CRIMINAL LAW	Ted Babin <a href="mailto:tbabin@neosho.edu">tbabin@neosho.edu</a>	Y	Y
Pratt CC	Not Offered	Not Offered		N	Y

Seward County CC	CJ 2533 3 Hours	CRIMINAL LAW	Luke Dowell <a href="mailto:luke.dowell@sccc.edu">luke.dowell@sccc.edu</a>	Y	Y
FHTC	Not Offered	Not Offered		N	Y
MATC	Not Offered	Not Offered		N	Y
NCK Tech	Not Offered	Not Offered		N	Y
NWKTC	CSI 130 3 Hours	CRIMINAL LAW	Michaela Kaus <a href="mailto:michaela.kaus@nwktc.edu">michaela.kaus@nwktc.edu</a>	Y	Y
SATC	PLS 109 3 Hours	CRIMINAL LAW	Cassie McManigal <a href="mailto:cassie.mcmanigal@salina.org">cassie.mcmanigal@salina.org</a>	Y	Y
WSU Tech	Not Offered	Not Offered		N	Y
ESU	Not Offered	Not Offered	Susan Zubell Chall <a href="mailto:szuberch@emporia.edu">szuberch@emporia.edu</a>	Y	Y
FHSU	CRJ 331 3 Hours	CRIMINAL LAW AND PROCEDURE	Tamara Lynn <a href="mailto:tjlynn@fhsu.edu">tjlynn@fhsu.edu</a>	Y	Y
K-State	Not Offered	Not Offered	Kevin Steinmetz <a href="mailto:cfsteinmetz@ksu.edu">cfsteinmetz@ksu.edu</a>	Y	Y
KU	Not Offered	Not Offered		N	Y
PSU	JUST-500 3 Hours	CRIMINAL LAW AND SOCIETY	Keeyoon Noh <a href="mailto:knoh@pittstate.edu">knoh@pittstate.edu</a>	Y	Y
Washburn	CJ 345 3 Hours	CRIMINAL LAW		N	Y
WSU	CJ 315 3 Hours	CRIMINAL LAW	Sarah Green <a href="mailto:sarah.green@wichita.edu">sarah.green@wichita.edu</a>	Y	Y
<b>Total</b>				<b>21</b>	<b>32</b>



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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Identify the historical, methodological, and theoretical practices in the criminal legal system.
2. Distinguish the elements of criminal offenses.
3. Explain vicarious liability and parties to crime.
4. Explain defenses to criminal liability.
5. Demonstrate the ability to read and evaluate case and statutory law.
6. Apply criminal law to practical scenarios.

**Next Recommended Course for Articulation or Revision:** Criminal Procedure

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None recommended

Date: 10/16/2020

Discipline: Criminal Justice

Kansas Regents System Number (KRSN) and Title: CRJ1010 Introduction to Criminal Justice

Co-Chairs: Shane Finley, Highland Community College

Transfer and Articulation Council Liaison(s): Eric Ketchum, Highland CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

INTRO TO CRIMINAL JUSTICE					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	CJS 100 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Chris Bush <a href="mailto:cbush@allenc.edu">cbush@allenc.edu</a>	Y	Y
Barton CC	CRIM 1600 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Melissa Stevens <a href="mailto:stevensm@bartonccc.edu">stevensm@bartonccc.edu</a>	Y	Y
Butler CC	CJ 102 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Miles Erpelding <a href="mailto:merpeldi@butlercc.edu">merpeldi@butlercc.edu</a>	Y	Y
Cloud County CC	AJ 100 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Kristina Frost <a href="mailto:kfrost@cloud.edu">kfrost@cloud.edu</a>	Y	Y
Coffeyville CC	SOCI 124 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Kristi Brautman <a href="mailto:brautman.kristi@coffeyville.edu">brautman.kristi@coffeyville.edu</a>	Y	Y
Colby CC	CJ 110 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE		N	Y
Cowley CC	CRJ 5411 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Frank Owens <a href="mailto:frank.owens@cowley.edu">frank.owens@cowley.edu</a>	Y	Y
Dodge City CC	CJC 101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE		N	Y
FSCC	CRJ 1013 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Vanessa Poyner <a href="mailto:vanessap@fortscott.edu">vanessap@fortscott.edu</a>	Y	Y
Garden City CC	CRIM-101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Brandy Unruh <a href="mailto:brandy.unruh@gcccks.edu">brandy.unruh@gcccks.edu</a>	Y	Y
Highland CC	CJ 100 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Shane Finley <a href="mailto:sfinley@highlandcc.edu">sfinley@highlandcc.edu</a>	Y	Y
Hutchinson CC	LE 101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Sheldon Stewart <a href="mailto:stewarts@hutchcc.edu">stewarts@hutchcc.edu</a>	N	Y
Independence CC	SOC 1113 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE		N	Y
JCCC	CJ 121 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE SYSTEM		N	Y
KCKCC	CRJS 0101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Suzie Tousey <a href="mailto:ctousey@kckcc.edu">ctousey@kckcc.edu</a>	Y	Y
Labette CC	CRIM 101 3 Hours	INTRODUCTION TO ADMINISTRATION OF JUSTICE	Christopher Farris <a href="mailto:christopherf@labette.edu">christopherf@labette.edu</a>	N	Y

Neosho County CC	CRIM 121 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Ted Babin <a href="mailto:tbabin@neosho.edu">tbabin@neosho.edu</a>	Y	Y
Pratt CC	SOC 123 3 Hours	CRIMINOLOGY		N	Y
Seward County CC	CJ 1203 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered	Kerri Bellamy <a href="mailto:kerri.bellamy@nwktc.edu">kerri.bellamy@nwktc.edu</a>	Y	Y
SATC	PLS 100 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Cassie McManigal <a href="mailto:cassie.mcmanigal@salina.org">cassie.mcmanigal@salina.org</a>	Y	Y
WSU Tech	CRJ 101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE		N	Y
ESU	SO 125 3 Hours	INTRO TO CRIMINAL JUSTICE	Susan Zuber-Chall <a href="mailto:szubech@emporia.edu">szubech@emporia.edu</a>	Y	Y
FHSU	JUS 101 3 Hours	INTRODUCTION TO CRIMINAL JUSTICE	Tamara Lynn <a href="mailto:tjlynn@fhsu.edu">tjlynn@fhsu.edu</a>	Y	Y
K-State	SOCIO 361 3 Hours	CRIMINAL JUSTICE SYSTEM	Kevin Steinmetz <a href="mailto:kfsteinmetz@ksu.edu">kfsteinmetz@ksu.edu</a>	Y	Y
KU				N	Y
PSU	JUST-104 3 Hours	INTRO TO THE JUSTICE SYSTEM	Keeyoon Noh <a href="mailto:knoh@pittstate.edu">knoh@pittstate.edu</a>	Y	Y
Washburn	CJ 100 3 Hours	CRIME AND JUSTICE IN AMERICA	Erin Grant <a href="mailto:erin.grant@washburn.edu">erin.grant@washburn.edu</a>	Y	Y
WSU	CJ 191 3 Hours	INTRO TO CRIMINAL JUSTICE	Sarah Green <a href="mailto:sarah.green@wichita.edu">sarah.green@wichita.edu</a>	Y	Y
<b>Total</b>				<b>19</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Identify the historical, theoretical, and philosophical developments in criminal justice.
2. Describe the steps in the criminal justice process.
3. Distinguish the difference between the goals and philosophies of the due process and the crime control models of criminal justice.
4. Identify the ethical responsibilities and constitutional duties of the criminal justice professional.
5. Summarize how law enforcement, courts, and corrections operate and interact.
6. Recognize the importance of empirical data in criminal justice policy.

**Next Recommended Course for Articulation or Revision:** Criminal Procedure

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Education

Kansas Regents System Number (KRSN) and Title: EDU2010 Children's Literature

Co-Chairs: Sarah Broman Miller, FHSU and Jay Gooldy, DCCC

Transfer and Articulation Council Liaison(s): Anne Phillips, K-State and Melinda Roelfs, PSU

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

CHILDRENS LITERATURE					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	COL 237 3 Hours	CHILDRENS LITERATURE	Tracy Lee <a href="mailto:lee@allencc.edu">lee@allencc.edu</a>	Y	Y
Barton CC	EDUC 1136 3 Hours	CHILDREN'S LITERATURE FOR EDUCATORS	Jaime Abel <a href="mailto:abelj@bartonccc.edu">abelj@bartonccc.edu</a>	Y	Y
Butler CC	LT 260 3 Hours	CHILDRENS LITERATURE	Mark Jarvis <a href="mailto:mjarvis@butlercc.edu">mjarvis@butlercc.edu</a>	N	Y
Cloud County CC	CM 125 3 Hours	LITERATURE FOR CHILDREN	Violette Kjeldgaard <a href="mailto:theatre@cloud.edu">theatre@cloud.edu</a>	Y	Y
Coffeyville CC	ENGL 207 3 Hours	CHILDRENS LITERATURE	David Beck <a href="mailto:beck.david@coffeyville.edu">beck.david@coffeyville.edu</a>	Y	Y
Colby CC	ED 277 3 Hours	CHILDREN'S LITERATURE		N	Y
Cowley CC	EDU 6270 3 Hours	CHILDREN/ADOL ESCENT LITERATURE	Julie Rhoads <a href="mailto:Julie.rhoads@cowley.edu">Julie.rhoads@cowley.edu</a>	Y	Y
Dodge City CC	ENG 245 3 Hours	CHILDREN'S LITERATURE	Jay Gooldy <a href="mailto:jgooldy@dc3.edu">jgooldy@dc3.edu</a>	Y	Y
FSCC	EDU 2293 3 Hours	CHILDREN'S LITERATURE	Maria Bahr <a href="mailto:mariab@fortscott.edu">mariab@fortscott.edu</a>	Y	Y
Garden City CC	EDUC-290 3 Hours	CHILDREN'S LITERATURE	Holly Chandler <a href="mailto:holly.chandler@gcccks.edu">holly.chandler@gcccks.edu</a>	Y	Y
Highland CC	LS 102 3 Hours	CHILDREN'S LITERATURE	Pamela Fulbright <a href="mailto:pfulbright@highlandcc.edu">pfulbright@highlandcc.edu</a>	Y	Y
Hutchinson CC	EN120 3 Hours	CHILDREN'S LITERATURE	Travis Pike <a href="mailto:piket@hutchcc.edu">piket@hutchcc.edu</a>	Y	Y
Independence CC	ENG 2063 3 Hours	CHILDREN'S LITERATURE	Heather Mydosh <a href="mailto:hmydosh@indycc.edu">hmydosh@indycc.edu</a>	Y	Y
JCCC	ENGL 232 3 Hours	CHILDREN'S LITERATURE	Marilyn Senter <a href="mailto:msenter@jccc.edu">msenter@jccc.edu</a>	Y	Y
KCKCC	ENGL 0107 3 Hours	CHILDREN'S LITERATURE	Elizabeth Gillhouse <a href="mailto:egillhouse@kckcc.edu">egillhouse@kckcc.edu</a>	Y	Y
Labette CC	EDUC 151 3 Hours	CHILDREN'S LITERATURE	Elizabeth Stoneberger <a href="mailto:elizabethhw@labette.edu">elizabethhw@labette.edu</a>	Y	Y
Neosho County CC	EDUC 252 3 Hours	CHILDREN'S LITERATURE	Mindy Ayers <a href="mailto:mayers@neosho.edu">mayers@neosho.edu</a>	Y	Y

			Ruth Zollars <a href="mailto:rzollars@neosho.edu">rzollars@neosho.edu</a>		
Pratt CC	EDU 277 3 Hours	CHILDREN'S LITERATURE	Stephanie Wiese <a href="mailto:stephaniew@prattcc.edu">stephaniew@prattcc.edu</a>	Y	Y
Seward County CC	ED 1503 3 Hours	CHILDREN'S LITERATURE	Darin Workman <a href="mailto:darin.workman@sccc.edu">darin.workman@sccc.edu</a>	Y	Y
FHTC	Not Offered	Not Offered		N	Y
MATC	Not Offered	Not Offered		N	Y
NCK Tech	Not Offered	Not Offered		N	Y
NWKTC	Not Offered	Not Offered		N	Y
SATC	Not Offered	Not Offered		N	Y
WSU Tech	Not Offered	Not Offered		N	Y
ESU	EL 230 3 Hours	USING CHILD LIT IN ELEM CLSRM	Heather Caswell <a href="mailto:hcaswell@emporia.edu">hcaswell@emporia.edu</a>	Y	Y
FHSU	TEEL 260 3 Hours	CHILDREN'S LITERATURE	Sarah Broman Miller <a href="mailto:sebmiller@fhsu.edu">sebmiller@fhsu.edu</a>	Y	Y
K-State	ENGL 355 3 Hours	LITERATURE CHILDREN	Anne Phillips <a href="mailto:annek@ksu.edu">annek@ksu.edu</a>	Y	Y
KU	C&T 344 3 Hours	CHILDRN LIT IN ELEMNTY SCHOOL	Laurie Herrmann-Ginsberg <a href="mailto:laurihg@ku.edu">laurihg@ku.edu</a>	Y	Y
PSU	EDUC-252 3 Hours	CHILDREN'S LITERATURE	Kristi Stuck <a href="mailto:kstuck@pittstate.edu">kstuck@pittstate.edu</a>	Y	Y
Washburn	ED 325 3 Hours	TCHNG LANG ARTS & CHILDRN LIT	Craig Carter <a href="mailto:Craig.Carter@washburn.edu">Craig.Carter@washburn.edu</a>	Y	Y
WSU	CI 316 3 Hours	CHILDREN'S LITERATURE	Elizabeth Heilman <a href="mailto:elizabeth.heilman@wichita.edu">elizabeth.heilman@wichita.edu</a>	Y	Y
<b>Total</b>				<b>24</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Trace the evolution of children’s literature from its historical roots through current trends.
2. Analyze the themes, awards, controversies, censorship, and social contexts impacting children’s literature.
3. Identify and evaluate elements of literary and visual style in children’s literature in the following areas: structural elements (e.g. plot development, characterization, setting, theme, style, point of view); genres within and across children’s literature including stories, poems, prose and drama; and artistic quality (e.g., visual elements and illustrative techniques).
4. Explain how children’s development (including physical, cognitive, language, cultural, moral, emotional, and personality) influences their response to literature.
5. Demonstrate an understanding of the role of children’s literature in planning instruction including meeting state standards in curricular/content areas in various learning environments including the criteria of an effective read aloud/oral presentation and the development of reading (emergent through critical thinking).
6. Identify and interpret the intersection of text, author/illustrator and reader, with specific attention to elements of diversity, equity, and inclusiveness in children’s literature past and present.

**Next Recommended Course for Articulation or Revision:** Human Growth and Development and Foundations of Education

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Health Sciences

Kansas Regents System Number (KRSN) and Title: HSC1020 Personal & Community Health

Co-Chairs: Karen Adams, GCCC and Anita Walters, FHSU

Transfer and Articulation Council Liaison(s): Jon Brumberg, KU and Sarah Robb, Neosho County

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PERSONAL & COMMUNITY HEALTH					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	HPE 105 3 Hours	PERSONAL HYG AND COMMUNITY HEALTH		N	Y
Barton CC	HLTH 1248 3 Hours	PERSONAL AND COMMUNITY HEALTH	Heather Panning <a href="mailto:PanningH@bartonccc.edu">PanningH@bartonccc.edu</a>	Y	Y
Butler CC	HP 220 3 Hours	HEALTHY LIVING	Matthew C. Sanders <a href="mailto:msanders4@butlercc.edu">msanders4@butlercc.edu</a>	Y	Y
Cloud County CC	PE 141 3 Hours	PERSONAL WELLNESS	Spencer Farha <a href="mailto:safarha@cloud.edu">safarha@cloud.edu</a>	Y	Y
Coffeyville CC	HPER 102 3 Hours	PERSONAL HYGIENE AND COMMUNITY HEALTH	Brad Weber <a href="mailto:bradw@coffeyville.edu">bradw@coffeyville.edu</a>	Y	Y
Colby CC	PE 177 3 Hours	PERSONAL AND COMMUNITY HEALTH		N	Y
Cowley CC	ALH 6312 3 Hours	PERSONAL HEALTH AND COMMUNITY HYGIENE	Andrew Lutz <a href="mailto:andrew.lutz@cowley.edu">andrew.lutz@cowley.edu</a>	Y	Y
Dodge City CC	HLTH 100 3 Hours	PERSONAL AND COMMUNITY HEALTH	Nathan Werremeyer <a href="mailto:NWerremeyer@dc3.edu">NWerremeyer@dc3.edu</a>	Y	Y
FSCC	PHE 1373 3 Hours	PERSONAL AND COMMUNITY HEALTH	Adam Borth <a href="mailto:adamb@fortscott.edu">adamb@fortscott.edu</a>	Y	Y
Garden City CC	HPER-106 3 Hours	HEALTH EDUCATION	Karen Adams <a href="mailto:Karen.adams@gcccks.edu">Karen.adams@gcccks.edu</a>	Y	Y
Highland CC	PE 112 3 Hours	PERSONAL AND COMMUNITY HEALTH	Amy Foley <a href="mailto:afoley@highlandcc.edu">afoley@highlandcc.edu</a>	Y	Y
Hutchinson CC	PE 105 3 Hours	PERSONAL AND COMMUNITY HEALTH	Scott Reller <a href="mailto:rellers@hutchcc.edu">rellers@hutchcc.edu</a>	Y	Y
Independence CC	HEA 1053 3 Hours or HPR1053 3 Hours	PERSONAL AND COMMUNITY HEALTH or PERSONAL AND COMMUNITY HEALTH	Brett Gilcrist <a href="mailto:bgilcrist@indycc.edu">bgilcrist@indycc.edu</a>	Y	Y
JCCC	HPER 202 3 Hours	PERSONAL AND COMMUNITY HEALTH	Debbie Carrier <a href="mailto:ddcarrie@jccc.edu">ddcarrie@jccc.edu</a>	Y	Y
KCKCC	EXSC 0205 3 Hours	PERSONAL SCHOOL COMMUNITY HEALTH		N	Y
Labette CC	PED 105 3 Hours	PERSONAL AND COMMUNITY HEALTH	Tarah Cockrell <a href="mailto:tarahc@labette.edu">tarahc@labette.edu</a>	Y	Y
Neosho County CC	HPER 116 3 Hours	PERSONAL AND COMMUNITY HYGIENE	Nicholas Nothern <a href="mailto:nnothern@neosho.edu">nnothern@neosho.edu</a>	Y	Y



Pratt CC	HPR 177 3 Hours	PERSONAL AND COMMUNITY HEALTH	Carmen Forest <a href="mailto:CarmenF@prattcc.edu">CarmenF@prattcc.edu</a>	Y	Y
Seward County CC	PE 2213 3 Hours	PERSONAL AND COMMUNITY HEALTH		N	Y
FHTC	Not Offered	Not Offered		N	Y
MATC	Not Offered	Not Offered		N	Y
NCK Tech	Not Offered	Not Offered		N	Y
NWKTC	MA 150 3 Hours	PERSONAL & COMMUNITY HEALTH	Lois Seibert <a href="mailto:lois.seibert@nwktc.edu">lois.seibert@nwktc.edu</a>	Y	Y
SATC	HEA 100 3 Hours	PERSONAL & COMMUNITY HEALTH		N	Y
WSU Tech	Not Offered	Not Offered	Vrenda Pritchard <a href="mailto:vpritchard@wsutech.edu">vpritchard@wsutech.edu</a>	Y	Y
ESU	HL 150 3 Hours	CRITICAL HEALTH ISS/DEC IN SOC	Katie Mathews <a href="mailto:kmathews@emporia.edu">kmathews@emporia.edu</a>	Y	Y
FHSU	HHP 200 3 Hours	PERSONAL WELLNESS	Anita Walters <a href="mailto:amwalters@fhsu.edu">amwalters@fhsu.edu</a>	Y	Y
K-State	FNDH 352 3 Hours	PERSONAL WELLNESS	Erika Lindshield <a href="mailto:elbono@ksu.edu">elbono@ksu.edu</a>	Y	Y
KU	HSES 260 3 Hours	PERSONAL AND COMMUNITY HEALTH	Susan Harvey <a href="mailto:suharvey@ku.edu">suharvey@ku.edu</a>	Y	Y
PSU	Not Offered	Not Offered		N	Y
Washburn	HL 152 3 Hours	PERSONAL & COMMUNITY HEALTH		N	Y
WSU	Not Offered	Not Offered		N	Y
<b>Total</b>				<b>21</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Analyze information to make decisions that promote personal health and wellness.
2. Identify the major determinants of health relative to the community at large.
3. Differentiate among dimensions of wellness as they apply to overall health.
4. Demonstrate the knowledge and skills needed to maximize one's quality of life.
5. Explain the importance of demographic diversity as it applies to health and wellness issues.

**Next Recommended Course for Articulation or Revision:** Care and Prevention of Athletic Injuries and Intro to Sports Administration

According to the 2016 Report the following would be up for review:

HSC 1040 - First Aid & CPR

HSC 1030 - Medical Terminology

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Karen Adams GCCC & Anita Walters FHSU, depending on courses chosen

Date: 10/16/2020

Discipline: Mass Communication/Journalism

Kansas Regents System Number (KRSN) and Title: COM1030 Introduction to Mass Communication

Co-Chairs: Max McCoy, Emporia and Meg Smith, Cowley College

Transfer and Articulation Council Liaison(s): Marcus Porter, FHSU and Shelly Gehrke, ESU

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

INTRO TO MASS COMMUNICATION					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	COM 201 3 Hours	MASS COMM IN SOCIETY	Terri Fahnestock <a href="mailto:fahnestock@allenc.edu">fahnestock@allenc.edu</a>	Y	Y
Barton CC	COMM 1700 3 Hours or JOUR 1700 3 Hours	INTRODUCTION TO MASS MEDIA or INTRODUCTION TO MASS MEDIA	Peter Solie <a href="mailto:soliep@bartonccc.edu">soliep@bartonccc.edu</a>	Y	Y
Butler CC	MC 161 3 Hours	INTRODUCTION TO MASS COMM	Michael Swan <a href="mailto:mewan@butlercc.edu">mewan@butlercc.edu</a>	Y	Y
Cloud County CC	JN 100 3 Hours	MASS MEDIA IN SOCIETY	Brandon Galm <a href="mailto:brandon.galm@cloud.edu">brandon.galm@cloud.edu</a>	Y	N
Coffeyville CC	COMM 101 3 Hours	INTRODUCTION TO MASS COMM	Dirk Andrews <a href="mailto:andrews.dirk@coffeyville.edu">andrews.dirk@coffeyville.edu</a>	Y	Y
Colby CC				N	Y
Cowley CC	MCM 2411 3 Hours	MASS MEDIA AND SOCIETY	Meg Smith <a href="mailto:Meg.smith@cowley.edu">Meg.smith@cowley.edu</a>	Y	Y
Dodge City CC			Michael Lynch <a href="mailto:mlynch@dc3.edu">mlynch@dc3.edu</a>	Y	Y
FSCC				N	Y
Garden City CC	JRNL-110 3 Hours	MEDIA IN A FREE SOCIETY	Stacey Carr <a href="mailto:stacey.carr@gcccks.edu">stacey.carr@gcccks.edu</a>	Y	Y
Highland CC	MT 110 3 Hours	INTRODUCTION TO MASS COMM		N	Y
Hutchinson CC	JL 101 3 Hours	INTRODUCTION TO MASS COMM	Brad Hallier <a href="mailto:hallierb@hutchcc.edu">hallierb@hutchcc.edu</a>	Y	Y
Independence CC	COM 1033 3 Hours	INTRODUCTION TO MASS COMM	Marg Yaroslaski <a href="mailto:myaroslaski@indycc.edu">myaroslaski@indycc.edu</a>	Y	Y
JCCC	JOUR 120 3 Hours	MASS MEDIA AND SOCIETY	Gretchen Thum <a href="mailto:gthum@jccc.edu">gthum@jccc.edu</a>	Y	Y
KCKCC	JOUR 0175 3 Hours	INTRODUCTION TO MASS COMM	Bryan Whitehead <a href="mailto:bryanw@kckcc.edu">bryanw@kckcc.edu</a>	Y	Y
Labette CC	COMM 106 3 Hours	INTRODUCTION TO MASS MEDIA	Tanya Bell <a href="mailto:tonyab@labette.edu">tonyab@labette.edu</a>	Y	Y

Neosho County CC	COMM 204 3 Hours	INTRODUCTION TO MASS COMM	Mary Weilert <a href="mailto:m_weilert@neosho.edu">m_weilert@neosho.edu</a>	Y	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	JN 1603 3 Hours	INTRODUCTION TO MASS COMM	Sue Sprenkle <a href="mailto:sue.sprenkle@sccc.edu">sue.sprenkle@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	JO 200 3 Hours	MASS COMM	Max McCoy <a href="mailto:mmccoy2@emporia.edu">mmccoy2@emporia.edu</a>	Y	N
FHSU	COMM 128 3 Hours	MEDIA AND SOCIETY		N	Y
K-State	MC 110 3 Hours	MASS COMM IN SOCIETY	Steven Smethers <a href="mailto:smethers@ksu.edu">smethers@ksu.edu</a>	Y	Y
KU	JOUR 101 3 Hours	MEDIA AND SOCIETY	Scott Reinardy <a href="mailto:reinardy@ku.edu">reinardy@ku.edu</a>	Y	Y
PSU	COMM 200 3 Hours	INTRO TO MASS COMM	Kristen Livingston <a href="mailto:kmlivingston@pittstate.edu">kmlivingston@pittstate.edu</a>	Y	Y
Washburn	MM 100 3 Hours	INTRO TO MASS MEDIA	Maria Stover <a href="mailto:maria.stover@washburn.edu">maria.stover@washburn.edu</a>	Y	Y
WSU	COMM 130 3 Hours	COMMUNICATION AND SOCIETY	Eric Wilson <a href="mailto:eric.wilson@wichita.edu">eric.wilson@wichita.edu</a>	Y	Y
<b>Total</b>				<b>21</b>	<b>30</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

Media Literacy:

- Demonstrate the ability to access, analyze, and evaluate information in a variety of media

Impact of Media on Society:

- Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society

History of Media:

- Demonstrate an understanding of the history and current state of mass communications

Social Responsibility:

- Identify social, ethical, and legal issues in the media

**Next Recommended Course for Articulation or Revision:** None Recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Math

Kansas Regents System Number (KRSN) and Title: MAT0990 Intermediate Algebra

Co-Chairs: Tim Flood (PSU) and Paul Walcher (NCCC)

Transfer and Articulation Council Liaison(s): Jane Holwerda and Scott Tanona

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

INTERMEDIATE ALGEBRA					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	MAT103 3 Hours	INTERMEDIATE ALGEBRA	Melanie Wallace <a href="mailto:mwallace@allencc.edu">mwallace@allencc.edu</a>	Y	Y
Barton CC	MATH1824 3 Hours	INTERMEDIATE ALGEBRA	Laura Schlessiger <a href="mailto:schlessigerl@bartoncc.edu">schlessigerl@bartoncc.edu</a>	Y	Y
Butler CC	MA 125 3 Hours	INTERMEDIATE ALGEBRA	Cindy Bond <a href="mailto:cbond@butlercc.edu">cbond@butlercc.edu</a>	Y	Y
Cloud County CC	MA110 3 Hours	INTERMEDIATE ALGEBRA	Mark Whisler <a href="mailto:mwhisler@cloud.edu">mwhisler@cloud.edu</a>	Y	Y
Coffeyville CC	MATH 102 3 Hours	INTERMEDIATE ALGEBRA	Ryan Willis <a href="mailto:willis.ryan@coffeyville.edu">willis.ryan@coffeyville.edu</a>	Y	Y
Colby CC	MA177 3 Hours	INTERMEDIATE ALGEBRA		N	Y
Cowley CC	MTH4410 3 Hours	INTERMEDIATE ALGEBRA	Brooke Istas <a href="mailto:Brooke.istas@cowley.edu">Brooke.istas@cowley.edu</a>	Y	Y
Dodge City CC	MATH103 3 Hours OR MATH103 3 Hours	INTERMEDIATE ALGEBRA OR INTERMEDIATE ALGEBRA WITH REVIEW	Dylan Faullin <a href="mailto:dfaullin@dc3.edu">dfaullin@dc3.edu</a>	Y	Y
FSCC	MAT1073 3 Hours	INTERMEDIATE ALGEBRA	Kathy Malone <a href="mailto:kathym@fortscott.edu">kathym@fortscott.edu</a>	Y	Y
Garden City CC	MATH-107 3 Hours	INTERMEDIATE ALGEBRA	Jonathan Witacre <a href="mailto:Jonathan.witacre@gcccks.edu">Jonathan.witacre@gcccks.edu</a>	Y	Y
Highland CC	MAT103 3 Hours	INTERMEDIATE ALGEBRA	Michelle Hurn <a href="mailto:mhurn@highlandcc.edu">mhurn@highlandcc.edu</a>	Y	Y
Hutchinson CC	MA105 3 Hours	INTERMEDIATE ALGEBRA	Terri McQueen <a href="mailto:mcqueent@hutchcc.edu">mcqueent@hutchcc.edu</a>	Y	Y
Independence CC	DEV0334 4 Hours	INTERMEDIATE ALGEBRA	Allen Shockley <a href="mailto:ashockley@indycc.edu">ashockley@indycc.edu</a>	Y	Y
JCCC	MATH 116 3 Hours	INTERMEDIATE ALGEBRA	Rhonda Barlow <a href="mailto:rbarlow@jccc.edu">rbarlow@jccc.edu</a> Justin Dunham <a href="mailto:jdunhamn@jccc.edu">jdunhamn@jccc.edu</a> Jennifer Kennett <a href="mailto:jkennett@jccc.edu">jkennett@jccc.edu</a> Rob Grondahl <a href="mailto:rgrondahl@jccc.edu">rgrondahl@jccc.edu</a>	Y	N

KCKCC	MATH0104 3 Hours	INTERMEDIATE ALGEBRA	Rochelle Beatty <a href="mailto:rbeatty@kckcc.edu">rbeatty@kckcc.edu</a>	Y	Y
Labette CC	MATH 100 3 Hours	INTERMEDIATE ALGEBRA	Ralph Gouvion <a href="mailto:ralphg@labette.edu">ralphg@labette.edu</a>	Y	Y
Neosho County CC	MATH 112 3 Hours	INTERMEDIATE ALGEBRA	Rita Drybread <a href="mailto:rdrybread@neosho.edu">rdrybread@neosho.edu</a>	Y	Y
Pratt CC	MTH130 3 Hours	INTERMEDIATE ALGEBRA	Sarah Jackson <a href="mailto:sarahj@prattcc.edu">sarahj@prattcc.edu</a>	Y	Y
Seward County CC	MA1103 3 Hours	INTERMEDIATE ALGEBRA	Brad Kearn <a href="mailto:brad.kearn@sccc.edu">brad.kearn@sccc.edu</a>	Y	Y
FHTC	MA 099 3 Hours	INTERMEDIATE ALGEBRA	Paul Cassity <a href="mailto:pcassity@fhct.edu">pcassity@fhct.edu</a>	N	Y
MATC	MAT 110 3 Hours	INTERMEDIATE ALGEBRA	Brian Koch <a href="mailto:briankoch@manhattantech.edu">briankoch@manhattantech.edu</a>	Y	Y
NCK Tech	MA110 3 Hours	INTERMEDIATE ALGEBRA	Aimee Buckland <a href="mailto:abuckland@ncktc.edu">abuckland@ncktc.edu</a>	Y	Y
NWKTC	MATH 110 3 Hours	INTERMEDIATE ALGEBRA	Rachel Schears <a href="mailto:Rachel.schears@nwktc.edu">Rachel.schears@nwktc.edu</a>	Y	Y
SATC	MAT 105 3 Hours	INTERMEDIATE ALGEBRA	James Knapp <a href="mailto:jknapp@salinatech.edu">jknapp@salinatech.edu</a>	Y	Y
WSU Tech	Not offered	Not offered	Julie Misak <a href="mailto:jmisak@wsutech.edu">jmisak@wsutech.edu</a>	Y	Y
ESU	MA098 3 Hours	INTERMEDIATE ALGEBRA	Brian Hollenbeck <a href="mailto:bhollenb@emporia.edu">bhollenb@emporia.edu</a>	Y	Y
FHSU	MATH010 3 Hours	INTERMEDIATE ALGEBRA	Keith Dreiling <a href="mailto:kdreilin@fhsu.edu">kdreilin@fhsu.edu</a>	Y	Y
K-State	MATH 010 3 Hours	INTERMEDIATE ALGEBRA	Rekha Natarajan <a href="mailto:rekha@ksu.edu">rekha@ksu.edu</a>	Y	Y
KU	MATH 2 3 Hours	INTERMEDIATE MATHEMATICS	Mat Johnson <a href="mailto:matjohn@ku.edu">matjohn@ku.edu</a>	Y	Y
PSU	MATH-019 4 Hours	INTERMEDIATE ALGEBRA	Tim Flood <a href="mailto:tflood@pittstate.edu">tflood@pittstate.edu</a>	Y	Y
Washburn	MA104 3 Hours	INTERMEDIATE ALGEBRA	Sarah Cook <a href="mailto:sarah.cook@washburn.edu">sarah.cook@washburn.edu</a>	Y	Y
WSU	MATH012 5 Hours	INTERMEDIATE ALGEBRA	Steve Brady <a href="mailto:Stephen.brady@wichita.edu">Stephen.brady@wichita.edu</a>	Y	Y
<b>Total</b>				<b>31</b>	<b>31</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Demonstrate the ability to perform arithmetic and algebraic manipulation by
  - a) Factor expressions completely using various techniques.
  - b) Performing addition, subtraction, multiplication, and division on rational expressions.
  - c) Simplifying complex fractions.
  - d) Applying the laws of exponents to simplify expressions containing rational exponents.
  - e) Applying the laws of radicals to perform addition, subtraction, and multiplication on expressions involving radicals and rationalizing denominators containing radicals.
  - f) Simplifying radicals containing negative radicands and performing arithmetic operations on complex numbers.
  - g) Evaluating functions using function notation.
  
2. Solve equations and inequalities
  - a) Solve linear equations in one variable.
  - b) Solve linear inequalities in one variable showing solutions both on the real number line, in interval notation, and in set-builder notation.
  - c) Solve literal equations.
  - d) Solve systems of linear equations in two variables.
  - e) Solve equations by factoring and quadratic formula.
  - f) Solve equations containing rational expressions.
  - g) Solve equations involving radicals.
  - h) Develop and solve mathematical models such as variation, mixture, motion, work, and geometrical applications.
  
3. Produce graphs on a coordinate plane by
  - a) Graphing linear equations and inequalities.
  - b) Graphing functions, including linear and quadratic.
  
4. Analyze equations and graphs to
  - a) Determine an equation of a line given sufficient information such as point and slope, two points, point and a perpendicular/parallel line.
  - b) Calculate the distance between two points.
  - c) Distinguish between functions and relations using the Vertical Line Test.
  - d) Identify the domain and range of a function.



**Next Recommended Course for Articulation or Revision:** College Algebra as it will be time for a five-year review in 2021

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Tim Flood, PUS and Paul Walcher, Neosho County CC

**Notes/Comments:**

Note: Intermediate Algebra is considered a developmental course and as such may not count towards the graduation requirements at all institutions.

Note: It is assumed that students entering an Intermediate Algebra course will have competencies from prerequisite courses. If the competencies from Intermediate Algebra and its prerequisite courses satisfy the below list, this will satisfy the outcome requirements below.

Kansas Core Outcomes Groups  
Mathematics Meeting

Minutes October 16, 2020

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University Co-Chair: Dr. Timothy Flood, PSU

College Co-Chair: Paul Walcher, NCCC

TAAC Liaisons: Jane Holwerda and Scott Tanona

Recorder: Paul Walcher

The meeting was convened at 12:15pm. After some initial technical difficulties, attendance was taken and representatives were present from twenty-three out of the twenty-five community and technical colleges and all seven of the universities.

Discussion was opened first upon the Statistics outcomes (though the group was asked (at chair training) to discuss the new course first, the co-chairs discussed beforehand and thought it might be a more efficient use of time to get the review out of the way early in the meeting). A short history of the articulation of the current list was given by the college co-chair and then discussion was solicited regarding the proposed addition of two outcomes (from Liton Hasan of HCC) (these additions were proposed by e-mail to the group on October 1, 2020)

1. Analyze Central Limit Theorem. Calculate mean and standard deviation for a distribution of sample means.
2. Calculate probabilities using binomial distribution. Use normal distribution to approximate binomial probabilities.

Liton Hasan asked to speak regarding his suggestions. He discussed the importance of discrete distributions and he pointed out that many of the outcomes already on the list require the central limit theorem so it's a natural addition (and would help transfer, especially to universities out of state that aren't participating in this process).

Several colleges stated they had added similar outcomes to their syllabi (NCCC, Dodge City CC, Seward, Fort Hays, MATC, Butler). James Knapp (SATC) commented he had never known a statistics course not to include these things. Chris Vahl (K-State) argued that, in the spirit of what the group is trying to do (the minimum), we shouldn't add anything else. He specifically argued the discrete probability doesn't have utility to the course and the central limit theorem is tacitly included by some of the other outcomes. Additionally, he thought we might consider even removing #7 (the discussion of regression) since some instructors had been having trouble getting to it. He thought the two

additions might take flexibility away from us. Mat Johnson (KU) argued in support of what Chris Vahl said, wanting to keep the list as is for flexibility. Tim Flood (PSU) said he would accept a list going up to #6 or #7 and also agreed the flexibility was valuable. The college co-chair solicited feedback from the other universities. Keith Dreiling agreed with either variation (the 6 or 7). Paul Scheuerman (WSU) stated that #7 was required for education majors so that's why it was in there. Sarah Cook (Washburn, in proxy for Mike Mosier) said Washburn was in favor of keeping the original seven for the reasons mentioned.

Chris Vahl said he was ok with the seven but, as before, wanted to keep it minimal and would prefer not to add anything. Johnson County agreed with keeping the seven (citing Dr. Vahl's convincing argument in 2015).

The college co-chair said he would allow discussion to continue but considering the positions of the universities he would also entertain a motion to approve the seven as is. Ron Palcic (JCCC) motioned and Brian Koch seconded. The vote was taken and the decision was unanimous (Stephanie Gruver (Dodge City CC) sent in her vote by e-mail as she had been temporarily dropped from the call) to approve the outcomes. (at approximately 12:55pm).

The Statistics representatives were thanked and then allowed to leave if they weren't participating in the discussion of Intermediate Algebra.

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Brian Koch (MATC) pointed out it would be nice to have benchmarks for different levels in developmental math even if they have some crossover. It would be very useful for him to have an endpoint for Intermediate Algebra since that's a

requirement for MATC's nursing program.

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The chairs suggested the group begin articulating outcomes. The university co-chair recommended they begin with the slightly modified version of the original list (updated to fit current standards of outcome writing) he had submitted to the group on September 28.

The group then worked on revising the list for the next 1.5 hours with some additional discussion.

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- It was suggested that the document include a statement that specifically indicated this is a list of outcomes for Intermediate Algebra and its prerequisites. This would be important not only for the faculty but especially for the administrators so they would understand that the list indicates a finish line for developmental math, not necessarily a list of everything that should be taught in a single intermediate algebra course. A statement was added to the top of the outcome list.
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The next item on the agenda was when to meet next and what course should be articulated/revised. The college co-chair said that College Algebra was due for its five year review in 2021 so the chairs recommended that the group meet by e-mail to review College Algebra in 2021. There was no additional discussion.

Lastly nominations were solicited for the co-chair positions. Both co-chairs indicated their willingness to serve for another year. No new nominations were received so the current co-chairs were approved for another year.

The meeting was adjourned at approximate 2:50pm.

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*all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The 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.*

Date: 10/16/2020

Discipline: Math

Kansas Regents System Number (KRSN) and Title: MAT1020 Elementary Statistics

Co-Chairs: Timothy Flood (PSU) and Paul Walcher (NCCC)

Transfer and Articulation Council Liaison(s): Jane Holwerda, Dodge City CC and Scott Tanona, K-State

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

ELEMENTARY STATISTICS					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	MAT 115 3 Hours	ELEMENTARY STATISTICS	Karen McKarnin <a href="mailto:mckarnin@allencc.edu">mckarnin@allencc.edu</a>	Y	Y
Barton CC	STAT 1829 3 Hours	ELEMENTS OF STATISTICS	Jo Harrington <a href="mailto:harringtonj@bartonccc.edu">harringtonj@bartonccc.edu</a>	Y	Y
Butler CC	MA 210 3 Hours	APPLIED STATISTICS	Marjorie Hunter <a href="mailto:mhunter2@butlercc.edu">mhunter2@butlercc.edu</a>	Y	Y
Cloud County CC	MA 114 3 Hours	ELEMENTARY STATISTICS	Gwen Carnes <a href="mailto:gcarnes@cloud.edu">gcarnes@cloud.edu</a>	Y	Y
Coffeyville CC	MATH 250 3 Hours	ELEMENTARY STATISTICS	Kendall Payne <a href="mailto:payne.kendall@coffeyville.edu">payne.kendall@coffeyville.edu</a>	Y	Y
Colby CC	MA 205 3 Hours	ELEMENTS OF STATISTICS		N	Y
Cowley CC	MTH 4423 3 Hours	ELEMENTARY STATISTICS	Uwe Conrad <a href="mailto:uwe.conrad@cowley.edu">uwe.conrad@cowley.edu</a>	Y	Y
Dodge City CC	MATH 230 3 Hours	ELEMENTARY STATISTICS	Stephanie Gruver <a href="mailto:sgruver@dc3.edu">sgruver@dc3.edu</a>	Y	Y
FSCC	MAT 2253 3 Hours	ELEMENTARY STATISTICS	DeeAnn Van Luyck <a href="mailto:deeannv@fortscott.edu">deeannv@fortscott.edu</a>	Y	Y
Garden City CC	MATH-110 3 Hours	FUNDAMENTALS OF STATISTICS	Nicole Dick <a href="mailto:nicole.dick@gcccks.edu">nicole.dick@gcccks.edu</a>	Y	Y
Highland CC	MAT 203 3 Hours	BASIC STATISTICS	Liton Hason <a href="mailto:LHasan@highlandcc.edu">LHasan@highlandcc.edu</a>	Y	Y
Hutchinson CC	MA 108 3 Hours	ELEMENTS OF STATISTICS	Sandra Chemjor <a href="mailto:chemjors@hutchcc.edu">chemjors@hutchcc.edu</a>	Y	Y
Independence CC	MAT 1103 3 Hours	ELEMENTARY STATISTICS	Brian Southworth <a href="mailto:bsouthworth@indycc.edu">bsouthworth@indycc.edu</a>	Y	Y
JCCC	MATH 181 3 Hours	STATISTICS	Rob Grondahl <a href="mailto:rgrondahl@jccc.edu">rgrondahl@jccc.edu</a> Ron Palcic <a href="mailto:rpalcic@jccc.edu">rpalcic@jccc.edu</a> Donna Helgeson <a href="mailto:dhelgeson@jccc.edu">dhelgeson@jccc.edu</a>	Y	Y
KCKCC	MATH 0115 3 Hours	STATISTICS	Tanya Smith <a href="mailto:ttownsend@kckcc.edu">ttownsend@kckcc.edu</a>	Y	Y
Labette CC	MATH 120 3 Hours	ELEMENTARY STATISTICS	Ralph Gouvion <a href="mailto:ralphg@labette.edu">ralphg@labette.edu</a>	Y	Y

Neosho County CC	MATH 143 3 Hours	ELEMENTARY STATISTICS	Paul Walcher <a href="mailto:pwalcher@neosho.edu">pwalcher@neosho.edu</a>	Y	Y
Pratt CC	MTH 181 3 Hours	STATISTICS	Sarah Jackson <a href="mailto:sarahj@prattcc.edu">sarahj@prattcc.edu</a>	Y	Y
Seward County CC	MA 2103 3 Hours	ELEMENTARY STATISTICS	Heather Hannah <a href="mailto:heather.hannah@sccc.edu">heather.hannah@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	MAT 145 3 Hours	ELEMENTARY STATISTICS	Brian Koch <a href="mailto:briankoch@manhattantech.edu">briankoch@manhattantech.edu</a>	Y	Y
NCK Tech	MA 200 3 Hours	ELEMENTARY STATISTICS	Amber Meis <a href="mailto:ameis@ncktc.edu">ameis@ncktc.edu</a>	Y	Y
NWKTC	MATH 180 3 Hours	ELEMENTARY STATISTICS	James Wymore <a href="mailto:james.wymore@nwktc.edu">james.wymore@nwktc.edu</a> Dennis Misurell <a href="mailto:dennis.misurell@nwktc.edu">dennis.misurell@nwktc.edu</a>	Y	Y
SATC	MAT 152 3 Hours	ELEMENTARY STATISTICS	James Knapp <a href="mailto:james.knapp@salinatech.edu">james.knapp@salinatech.edu</a>	Y	Y
WSU Tech	MTH 120 3 Hours	ELEMENTARY STATISTICS	Julie Misak <a href="mailto:jmisak@wsutech.edu">jmisak@wsutech.edu</a>	Y	Y
ESU	MA 120 3 Hours	ELEMENTARY STATISTICS	Brian Hollenbeck <a href="mailto:bhollenb@emporia.edu">bhollenb@emporia.edu</a>	Y	Y
FHSU	MATH 250 3 Hours	ELEMENTS OF STATISTICS	Bader Abmabukhodair <a href="mailto:bmabukhodair@fhsu.edu">bmabukhodair@fhsu.edu</a>	Y	Y
K-State	STAT 325 3 Hours	INTRO TO STATISTICS	Christopher Vahl <a href="mailto:vahl@ksu.edu">vahl@ksu.edu</a>	Y	Y
KU	MATH 365 3 Hours	ELEMENTARY STATISTICS	Mat Johnson <a href="mailto:matjohn@ku.edu">matjohn@ku.edu</a>	Y	Y
PSU	MATH-143 3 Hours	ELEMENTARY STATISTICS	Tim Flood <a href="mailto:tflood@pittstate.edu">tflood@pittstate.edu</a>	Y	Y
Washburn	MA 140 3 Hours	STATISTICS	Sarah Cook, proxy for Mike Mosier <a href="mailto:mike.mosier@washburn.edu">mike.mosier@washburn.edu</a>	Y	Y
WSU	STAT 370 3 Hours	ELEMENTARY STATISTICS	Paul Scheuerman <a href="mailto:paul.scheuerman@wichita.edu">paul.scheuerman@wichita.edu</a>	Y	Y
<b>Total</b>				<b>30</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Create graphical and numerical descriptions of quantitative and qualitative data.
2. Calculate probabilities and percentiles related to a general normal distribution.
3. Distinguish differences in data analysis and interpretation between observational data and data from designed experiments.
4. Calculate and interpret a confidence interval for a single parameter, using both large and small samples.
5. Perform and interpret a test of hypotheses for a single parameter, using both large and small samples.
6. Perform and interpret statistical inference on the difference of two parameters.
7. Fit and interpret a simple linear regression model, including correlation and scatterplots.

**Next Recommended Course for Articulation or Revision:** College Algebra

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Tim Flood, PSU and Paul Walcher, Neosho County CC

**Notes/Comments:**

Kansas Core Outcomes Groups  
Mathematics Meeting

Minutes October 16, 2020

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University Co-Chair: Dr. Timothy Flood, PSU

College Co-Chair: Paul Walcher, NCCC

TAAC Liaisons: Jane Holwerda and Scott Tanona

Recorder: Paul Walcher

The meeting was convened at 12:15pm. After some initial technical difficulties, attendance was taken and representatives were present from twenty-three out of the twenty-five community and technical colleges and all seven of the universities.

Discussion was opened first upon the Statistics outcomes (though the group was asked (at chair training) to discuss the new course first, the co-chairs discussed beforehand and thought it might be a more efficient use of time to get the review out of the way early in the meeting). A short history of the articulation of the current list was given by the college co-chair and then discussion was solicited regarding the proposed addition of two outcomes (from Liton Hasan of HCC) (these additions were proposed by e-mail to the group on October 1, 2020)

1. Analyze Central Limit Theorem. Calculate mean and standard deviation for a distribution of sample means.

2. Calculate probabilities using binomial distribution. Use normal distribution to approximate binomial probabilities.

Liton Hasan asked to speak regarding his suggestions. He discussed the importance of discrete distributions and he pointed out that many of the outcomes already on the list require the central limit theorem so it's a natural addition (and would help transfer, especially to universities out of state that aren't participating in this process).

Several colleges stated they had added similar outcomes to their syllabi (NCCC, Dodge City CC, Seward, Fort Hays, MATC, Butler). James Knapp (SATC) commented he had never known a statistics course not to include these things. Chris Vahl (K-State) argued that, in the spirit of what the group is trying to do (the minimum), we shouldn't add anything else. He specifically argued the discrete probability doesn't have utility to the course and the central limit theorem is tacitly included by some of the other outcomes. Additionally, he thought we might consider even removing #7 (the discussion of regression) since some instructors had been having trouble getting to it. He thought the two additions might take flexibility away from us. Mat Johnson (KU) argued in support of what Chris Vahl said, wanting to keep the list as is for flexibility. Tim Flood (PSU) said he would accept a list going up to #6 or #7 and also agreed the flexibility was valuable. The college co-chair solicited feedback from the other universities. Keith Dreiling agreed with either variation (the 6 or 7). Paul Scheuerman (WSU) stated that #7 was required for education majors so that's why it was in there. Sarah Cook (Washburn, in proxy for Mike Mosier) said Washburn was in favor of keeping the original seven for the reasons mentioned.

Chris Vahl said he was ok with the seven but, as before, wanted to keep it minimal and would prefer not to add anything. Johnson County agreed with keeping the seven (citing Dr. Vahl's convincing argument in 2015).

The college co-chair said he would allow discussion to continue but considering the positions of the universities he would also entertain a motion to approve the seven as is. Ron Palcic (JCCC) motioned and Brian Koch seconded. The vote was taken and the decision was unanimous (Stephanie Gruver (Dodge City CC) sent in her vote by e-mail as she had been temporarily dropped from the call) to approve the outcomes. (at approximately 12:55pm).

The Statistics representatives were thanked and then allowed to leave if they weren't participating in the discussion of Intermediate Algebra.

The chairs opened the discussion of intermediate algebra by reviewing the e-mail discussion. Significant hurdles to the discussion included the sheer variety in developmental math programs across (number of classes, number of credit hours). The original list really seemed to be more of a list for ALL of developmental math (a list of things you should know at the end of intermediate algebra). A surprising development at the chair training earlier that day was that it was asked (by Scott Tanona, one of the TAAC liaisons) whether an outcome list could require an outcome or a skill in a course that is not taught in that course. To the surprise of the chairs, Karla Wiscombe said yes, a list could require skills taught in a prerequisite course. The chairs therefore recommended the group articulate a "finish line" for developmental math to serve as the transfer requirement for intermediate algebra. Essentially asking the question: "What do we want a student to know before going into college algebra?", while emphasizing again that this is a minimal list.

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Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI2010 Meteorology Lecture and Lab

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC and Phil Speary, BCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

METEOROLOGY LECTURE & LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	PSC 100 5 Hours	INTRODUCTION TO METEOROLOGY		N	Y
Barton CC	PHSC 1406 4 Hours	INTRODUCTION TO METEOROLOGY	Rick Sloan <a href="mailto:sloanr@bartonccc.edu">sloanr@bartonccc.edu</a>	N	Y
Butler CC	Not offered	Not offered	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	SC107 4 Hours	METEOROLOGY	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	Not offered	Not offered		N	Y
Cowley CC	Not offered	Not offered	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	MET 105 5 Hours	INTRODUCTORY METEOROLOGY	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	Not offered	Not offered		N	Y
Highland CC	Not offered	Not offered	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	PY102 3 Hours	WEATHER AND CLIMATE	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered		N	Y
KCKCC	Not offered	Not offered	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered		N	Y
Neosho County CC	Not offered	Not offered		N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	Not offered	Not offered		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y
SATC	Not offered	Not offered		N	Y

WSU Tech	Not offered	Not offered		N	Y
ESU	Not offered	Not offered	Richard Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	Not offered	Not offered	Gavin Buffington <a href="mailto:gbuffing@fhsu.edu">gbuffing@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	ATMO 105 5 Hours	INTRODUCTORY METEOROLOGY	David Rahn <a href="mailto:darahn@ku.edu">darahn@ku.edu</a>	Y	Y
PSU	Not offered	Not offered	Angelyn Hobson <a href="mailto:ahobson@pittstate.edu">ahobson@pittstate.edu</a>	Y	Y
Washburn	Not offered	Not offered	Matt Miller <a href="mailto:matt.miller@washburn.edu">matt.miller@washburn.edu</a>	Y	Y
WSU	Not offered	Not offered	Nate Reynolds <a href="mailto:nathaniel.reynolds@wichita.edu">nathaniel.reynolds@wichita.edu</a>	Y	Y
<b>Total</b>				<b>15</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

**Lecture**

1. Explain meteorological phenomena in terms of basic physical and dynamic process over a broad range of spatial and temporal scales, including thunderstorms, and synoptic weather systems.
2. Identify common features and impacts of severe and hazardous weather.
3. Summarize how clouds form and describe the mechanisms that lead to precipitation.
4. Describe the behavior of heat and radiation, their distribution in the atmosphere, and their relationship to the global energy budget and climate

**Lab**

5. Interpret basic meteorological charts including surface analyses, thermodynamic diagrams, radar images, and satellite images.
6. Demonstrate critical and analytical skills to predict weather systems using several forecasting tools and techniques.
7. Use appropriate tools to investigate and analyze meteorology problems.

**Next Recommended Course for Articulation or Revision:** None recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** David Rahn, KU

Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI2011 Meteorology Lecture

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC and Phil Speary, BCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

METEOROLOGY LECTURE					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	Not offered	Not offered		N	Y
Barton CC	Not offered	Not offered	Rick Sloan <a href="mailto:sloanr@bartonccc.edu">sloanr@bartonccc.edu</a>	N	Y
Butler CC	PH 111 4 Hours	INTRODUCTION TO METEOROLOGY	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	Not offered	Not offered	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	Not offered	Not offered		N	Y
Cowley CC	Not offered	Not offered	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	Not offered	Not offered	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	Not offered	Not offered		N	Y
Highland CC	Not offered	Not offered	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	Not offered	Not offered	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered		N	Y
KCKCC	Not offered	Not offered	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered		N	Y
Neosho County CC	Not offered	Not offered		N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	Not offered	Not offered		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	SCI 201 3 Hours	METEOROLOGY	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y
SATC	Not offered	Not offered		N	Y

WSU Tech	Not offered	Not offered		N	Y
ESU	ES 319 3 Hours	METEOROLOGY	Richard Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	PHYS 208 3 Hours	ELEMENTARY METEOROLOGY	Gavin Buffington <a href="mailto:gbuffing@fhsu.edu">gbuffing@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	Not offered	Not offered	David Rahn <a href="mailto:darahn@ku.edu">darahn@ku.edu</a>	Y	Y
PSU	PHYS-166 3 Hours	METEOROLOGY	Angelyn Hobson <a href="mailto:ahobson@pittstate.edu">ahobson@pittstate.edu</a>	Y	Y
Washburn	PS 120 3 Hours	METEOROLOGY	Matt Miller <a href="mailto:matt.miller@washburn.edu">matt.miller@washburn.edu</a>	Y	Y
WSU	GEOL 235 3 Hours	METEOROLOGY	Nate Reynolds <a href="mailto:nathaniel.reynolds@wichita.edu">nathaniel.reynolds@wichita.edu</a>	Y	Y
<b>Total</b>				<b>15</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Explain meteorological phenomena in terms of basic physical and dynamic process over a broad range of spatial and temporal scales, including thunderstorms, and synoptic weather systems.
2. Identify common features and impacts of severe and hazardous weather.
3. Summarize how clouds form and describe the mechanisms that lead to precipitation.
4. Describe the behavior of heat and radiation, their distribution in the atmosphere, and their relationship to the global energy budget and climate

**Next Recommended Course for Articulation or Revision:** None recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** David Rahn, KU



Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI2012 Meteorology Lab

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC and Phil Speary, BCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

METEOROLOGY LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	Not offered	Not offered		N	Y
Barton CC	Not offered	Not offered	Rick Sloan <a href="mailto:sloanr@bartonccc.edu">sloanr@bartonccc.edu</a>	N	Y
Butler CC	Not offered	Not offered	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	Not offered	Not offered	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	Not offered	Not offered		N	Y
Cowley CC	Not offered	Not offered	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	Not offered	Not offered	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	Not offered	Not offered		N	Y
Highland CC	Not offered	Not offered	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	Not offered	Not offered	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered		N	Y
KCKCC	Not offered	Not offered	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered		N	Y
Neosho County CC	Not offered	Not offered		N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	Not offered	Not offered		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y

ESU	Not offered	Not offered	Richard Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	Not offered	Not offered	Gavin Buffington <a href="mailto:gbuffer@fhsu.edu">gbuffer@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	Not offered	Not offered	David Rahn <a href="mailto:darahn@ku.edu">darahn@ku.edu</a>	Y	Y
PSU	PHYS-167 1 Hours	METEOROLOG Y LABORATORY	Angelyn Hobson <a href="mailto:ahobson@pittstate.edu">ahobson@pittstate.edu</a>	Y	Y
Washburn	Not offered	Not offered	Matt Miller <a href="mailto:matt.miller@washburn.edu">matt.miller@washburn.edu</a>	Y	Y
WSU	GEOL 235L 0 Hours	METEOROLOG Y LAB	Nate Reynolds <a href="mailto:nathaniel.reynolds@wichita.edu">nathaniel.reynolds@wichita.edu</a>	Y	Y
<b>Total</b>				<b>15</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Interpret basic meteorological charts including surface analyses, thermodynamic diagrams, radar images, and satellite images.
2. Demonstrate critical and analytical skills to predict weather systems using several forecasting tools and techniques.
3. Use appropriate tools to investigate and analyze meteorology problems.

**Next Recommended Course for Articulation or Revision:** None recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** David Rahn, KU

Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI1030 Physical Geology Lecture and Lab

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC and Phil Speary, BCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PHYSICAL GEOLOGY LECTURE and LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	PSC 154 5 Hours	PHYSICAL GEOLOGY		N	Y
Barton CC	PHSC 1402 5 Hours	INTRODUCTION TO GEOLOGY		N	Y
Butler CC	PS 102 4 Hours	PHYSICAL GEOLOGY	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	SC 104 4 Hours	GEOLOGY	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	PHYS 120 5 Hours	PHYSICAL GEOLOGY		N	Y
Colby CC	PH 177 5 Hours	INTRODUCTION TO GEOLOGY (WITH LAB)		N	Y
Cowley CC	GEO 4311 5 Hours	GEOLOGY	Humphrey Wamocho <a href="mailto:humphrey.wamocho@cowley.edu">humphrey.wamocho@cowley.edu</a>	Y	Y
Dodge City CC	GEL 103 5 Hours	INTRODUCTION TO GEOLOGY	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	PHSC-205 5 Hours	PHYSICAL GEOLOGY	Daniel Kyinakwa <a href="mailto:daniel.kyinakwa@gcccks.edu">daniel.kyinakwa@gcccks.edu</a>	Y	Y
Highland CC	PS 104 4 Hours	PHYSICAL GEOLOGY	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	PY 103 3 Hours AND PY 104L 1 Hour	PHYSICAL GEOLOGY AND PHYSICAL GEOLOGY LAB	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	GEOS 130 5 Hours	GENERAL GEOLOGY	Lori Slavin <a href="mailto:lslavin1@jccc.edu">lslavin1@jccc.edu</a>	Y	Y
KCKCC	NASC 0186 4 Hours	PHYSICAL GEOLOGY AND LAB	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	PHSC 101 5 Hours	PHYSICAL GEOLOGY		N	Y

Neosho County CC	Not offered	Not offered	Homer Berrick <a href="mailto:hberrick@neosho.edu">hberrick@neosho.edu</a>	N	Y
Pratt CC	PSC 177 5 Hours or PSC 175 4 Hours	INTRO TO GEOLOGY or INTRODUCTION TO GEOLOGY		N	Y
Seward County CC	PS1 775 5 Hours	INTRODUCTION TO GEOLOGY		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	ES 111 1 Hour AND ES110 4 Hours	INTRO TO EARTH SCIENCE LAB AND INTRODUCTION TO EARTH SCIENCE	Rich Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	GSCI 100 3 Hours AND GSCI 102 1 Hour	INTRODUCTION TO GEOLOGY & INTRODUCTION TO GEOLOGY LABORATORY	Jeanne Sumrall <a href="mailto:jsumrall@fhsu.edu">jsumrall@fhsu.edu</a>	Y	Y
K-State	GEOL 100 3 Hours AND GEOL 103 1 Hours	EARTH IN ACTION AND GEOLOGY LABORATORY		N	Y
KU	GEOL 103 2 Hours AND GEOL 101 3 Hours	GEOLOGY FUNDAMNTALS LABORATORY AND THE WAY THE EARTH WORKS	Noah McLean <a href="mailto:noahmc@ku.edu">noahmc@ku.edu</a>	Y	Y
PSU	PHYS-160 3 Hours AND PHYS-165 1 Hour	PHYSICAL GEOLOGY AND PHYSICAL GEOLOGY LABORATORY	Rebecca Butler <a href="mailto:rbutler@pittstate.edu">rbutler@pittstate.edu</a>	Y	Y
Washburn	Not offered	Not offered	Tambra Eifert <a href="mailto:tambra.eifert@washburn.edu">tambra.eifert@washburn.edu</a>	Y	Y
WSU	GEOL 111 4 Hours	GENERAL GEOLOGY	Bill Bischoff <a href="mailto:bill.bischoff@wichita.edu">bill.bischoff@wichita.edu</a>	Y	Y
<b>Total</b>				<b>16</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

**Lecture**

1. Explain the nature of scientific inquiry and how it leads to our understanding of geologic processes.
2. Identify and describe a range of Earth materials, including minerals, rocks, soils, and fossils.
3. Discuss basic geologic principles including Geologic Time and Plate Tectonics.
4. Interpret geologic features in terms of Earth system processes and cycles, including tectonic, water, and rock cycles.
5. Identify and evaluate the origin and nature of resources.

**Lab**

6. Identify, classify, and differentiate geologic samples.
7. Read and interpret topographic and geologic maps.
8. Use appropriate tools to investigate and analyze geologic problems.

**Next Recommended Course for Articulation or Revision:**

- History of Geology
- Environmental Geology
- Introduction to Geographic Information Systems

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI1031 Physical Geology Lecture

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PHYSICAL GEOLOGY LECTURE					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	Not offered	Not offered		N	Y
Barton CC	Not offered	Not offered		N	Y
Butler CC	Not offered	Not offered	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	Not offered	Not offered	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	Not offered	Not offered		N	Y
Cowley CC	Not offered	Not offered	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	GEL 101 3 Hours	INTRODUCTION TO GEOLOGY	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	PHSC-205 3 Hours	PHYSICAL GEOLOGY	Daniel Kyinakwa <a href="mailto:daniel.kyinakwa@gcccks.edu">daniel.kyinakwa@gcccks.edu</a>	Y	Y
Highland CC	Not offered	Not offered	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	Not offered	Not offered	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered	Lori Slavin <a href="mailto:lslavin1@jccc.edu">lslavin1@jccc.edu</a>	Y	Y
KCKCC	NASC 0185 3 Hours	PHYSICAL GEOLOGY	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered		N	Y
Neosho County CC	Not offered	Not offered	Homer Berrick <a href="mailto:hberrick@neosho.edu">hberrick@neosho.edu</a>	N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	Not offered	Not offered		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y

SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	Not offered	Not offered	Rich Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	Not offered	Not offered	Jeanne Sumrall <a href="mailto:jsumrall@fhsu.edu">jsumrall@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	Not offered	Not offered	Noah McLean <a href="mailto:noahmc@ku.edu">noahmc@ku.edu</a>	Y	Y
PSU	Not offered	Not offered	Rebecca Butler <a href="mailto:rbutler@pittstate.edu">rbutler@pittstate.edu</a>	Y	Y
Washburn	GL 101 3 Hours	PHYSICAL GEOLOGY	Tambra Eifert <a href="mailto:tambra.eifert@washburn.edu">tambra.eifert@washburn.edu</a>	Y	Y
WSU	Not offered	Not offered	Bill Bischoff <a href="mailto:bill.bischoff@wichita.edu">bill.bischoff@wichita.edu</a>	Y	Y
<b>Total</b>				<b>16</b>	<b>32</b>



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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Explain the nature of scientific inquiry and how it leads to our understanding of geologic processes.
2. Identify and describe a range of Earth materials, including minerals, rocks, soils, and fossils.
3. Discuss basic geologic principles including Geologic Time and Plate Tectonics.
4. Interpret geologic features in terms of Earth system processes and cycles, including tectonic, water, and rock cycles.
5. Identify and evaluate the origin and nature of resources.

**Next Recommended Course for Articulation or Revision:**

- History of Geology
- Environmental Geology
- Introduction to Geographic Information Systems

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Physical Science

Kansas Regents System Number (KRSN) and Title: PSI1032 Physical Geology Lab

Co-Chairs: David Rahn, KU

Transfer and Articulation Council Liaison(s): Tiffany Bohm, KCKCC and Phil Speary, BCC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

PHYSICAL GEOLOGY LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	Not offered	Not offered		N	Y
Barton CC	Not offered	Not offered		N	Y
Butler CC	Not offered	Not offered	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	SC 115 1 HOUR	GEOLOGY LAB	Dennis Smith <a href="mailto:dsmith@cloud.edu">dsmith@cloud.edu</a>	Y	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	Not offered	Not offered		N	Y
Cowley CC	Not offered	Not offered	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	GELL 102 1 HOUR	INTRO TO GEOLOGY LAB	Sherry Curtis <a href="mailto:scurtis@dc3.edu">scurtis@dc3.edu</a>	Y	Y
FSCC	Not offered	Not offered		N	Y
Garden City CC	Not offered	Not offered	Daniel Kyinakwa <a href="mailto:daniel.kyinakwa@gcccks.edu">daniel.kyinakwa@gcccks.edu</a>	Y	Y
Highland CC	Not offered	Not offered	Preston Johnson <a href="mailto:Johnson.Preston@highlandcc.edu">Johnson.Preston@highlandcc.edu</a>	Y	Y
Hutchinson CC	Not offered	Not offered	Brian Bird <a href="mailto:birdb@hutchcc.edu">birdb@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered	Lori Slavin <a href="mailto:lslavin1@jccc.edu">lslavin1@jccc.edu</a>	Y	Y
KCKCC	Not offered	Not offered	James Lyle <a href="mailto:jlyle@kckcc.edu">jlyle@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered		N	Y
Neosho County CC	Not offered	Not offered	Homer Berrick <a href="mailto:hberrick@neosho.edu">hberrick@neosho.edu</a>	N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	Not offered	Not offered		N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y

NWKTC	Not offered	Not offered	Mark Dickey <a href="mailto:mark.dickey@nwktc.edu">mark.dickey@nwktc.edu</a>	Y	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	Not offered	Not offered	Rich Sleezer <a href="mailto:rsleezer@emporia.edu">rsleezer@emporia.edu</a>	Y	Y
FHSU	Not offered	Not offered	Jeanne Sumrall <a href="mailto:jsumrall@fhsu.edu">jsumrall@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	Not offered	Not offered	Noah McLean <a href="mailto:noahmc@ku.edu">noahmc@ku.edu</a>	Y	Y
PSU	Not offered	Not offered	Rebecca Butler <a href="mailto:rbutler@pittstate.edu">rbutler@pittstate.edu</a>	Y	Y
Washburn	Not offered	Not offered	Tambra Eifert <a href="mailto:tambra.eifert@washburn.edu">tambra.eifert@washburn.edu</a>	Y	Y
WSU	Not offered	Not offered	Bill Bischoff <a href="mailto:bill.bischoff@wichita.edu">bill.bischoff@wichita.edu</a>	Y	Y
<b>Total</b>				<b>16</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Identify, classify, and differentiate geologic samples.
2. Read and interpret topographic and geologic maps.
3. Use appropriate tools to investigate and analyze geologic problems.

**Next Recommended Course for Articulation or Revision:**

- History of Geology
- Environmental Geology
- Introduction to Geographic Information Systems

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended

Date: 10/16/2020

Discipline: Physics

Kansas Regents System Number (KRSN) and Title: PHY1030 Engineering Physics I & Lab

Co-Chairs: Matthew Antonik (Allen CC) and Sarah Rush (KU)

Transfer and Articulation Council Liaison(s): Tricia Paramore, Hutchinson CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

ENGINEERING PHYSICS I and LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	PSC204 5 Hours	ENGINEERING PHYSICS I	Matthew Antonik <a href="mailto:antonik@allencc.edu">antonik@allencc.edu</a>	Y	Y
Barton CC	PHYS1604 5 Hours	ENGINEERING PHYSICS I		N	Y
Butler CC	PH 251 5 Hours	PHYSICS 1	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	SC142 5 Hours	UNIVERSITY PHYSICS I	Henry Charles <a href="mailto:chenry@cloud.edu">chenry@cloud.edu</a>	Y	Y
Coffeyville CC	ENGR 210 5 Hours	ENGINEERING PHYSICS I	Ryan Willis <a href="mailto:ryanw@coffeyville.edu">ryanw@coffeyville.edu</a>	Y	Y
Colby CC	PH208 5 Hours	ENGINEERING PHYSICS I (WITH LAB)		N	Y
Cowley CC	PHS4560 5 Hours	ENGINEERING PHYSICS I	Humphrey Wamocho <a href="mailto:humphrey.wamocho@cowley.edu">humphrey.wamocho@cowley.edu</a>	Y	Y
Dodge City CC	PHYS231 5 Hours	ENGINEERING PHYSICS I	Kent Craghead <a href="mailto:kent@dc3.edu">kent@dc3.edu</a>	Y	Y
FSCC	PHS2015 5 Hours	COLLEGE PHYSICS I	Elie Riachi <a href="mailto:elier@fortscott.edu">elier@fortscott.edu</a>	Y	Y
Garden City CC	PHYS-207 5 Hours	ENGINEERING PHYSICS I		N	Y
Highland CC	PS 215 5 Hours	COLLEGE PHYSICS I	Ron Adams <a href="mailto:radams@highlandcc.edu">radams@highlandcc.edu</a>	Y	Y
Hutchinson CC	PY201 5 Hours	ENGINEERING PHYSICS I	Dan Smith <a href="mailto:SmithD@hutchcc.edu">SmithD@hutchcc.edu</a>	Y	Y
Independence CC	PHS2055 5 Hours	ENGINEERING PHYSICS I	Mona Saleh <a href="mailto:msaleh@indycc.edu">msaleh@indycc.edu</a>	Y	Y
JCCC	PHYS 220 5 Hours	ENGINEERING PHYSICS I	Daniel Martinez <a href="mailto:dmartine@jccc.edu">dmartine@jccc.edu</a>	Y	Y
KCKCC	NASC0245 5 Hours	ENGINEERING PHYSICS I	Chandra Thapa <a href="mailto:cthapa@KCKCC.EDU">cthapa@KCKCC.EDU</a>	Y	Y
Labette CC	PHYS 203 5 Hours	ENGINEERING PHYSICS I	David Beach <a href="mailto:DavidB@labette.edu">DavidB@labette.edu</a>	Y	Y

Neosho County CC	PHYS 104 4 Hours AND PHYS 140 1 Hour	ENGINEERING PHYSICS I AND ENGINEERING PHYSICS I LAB		N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	PS2505 5 Hours	ENGINEERING PHYSICS I	Darrin R. Hook <a href="mailto:darrin.hook@sccc.edu">darrin.hook@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	PH190 3 Hours AND PH191 1 Hour AND PH192 1 Hour	PHYSICS I AND PHYSICS I LAB AND PHYSICS I RECITATION	Jorge Ballester <a href="mailto:jballest@emporia.edu">jballest@emporia.edu</a>	Y	Y
FHSU	PHYS211 4 Hours AND PHYS211L 1 Hour	PHYSICS FOR SCIENTISTS AND ENGINEERS I AND PHYSICS FOR SCIENTISTS AND ENGINEERS I LABORATORY	Gavin Buffington <a href="mailto:gbuffing@fhsu.edu">gbuffing@fhsu.edu</a>	Y	Y
K-State	PHYS 213 5 Hours	ENGINEERING PHYS 1	Brett D. DePaola <a href="mailto:depaola@phys.ksu.edu">depaola@phys.ksu.edu</a>	Y	Y
KU	PHSX 211 4 Hours AND PHSX 216 1 Hours	GENERAL PHYSICS I AND GENERAL PHYSICS I LABORATORY	Sarah Rush <a href="mailto:slegres@ku.edu">slegres@ku.edu</a>	Y	Y
PSU	PHYS-130 1 Hour AND PHYS-104 4 Hours	ELEMENTARY PHYSICS LAB I AND ENGINEERING PHYSICS I	Serif Uran <a href="mailto:suran@pittstate.edu">suran@pittstate.edu</a>	Y	Y
Washburn	PS281 5 Hours AND PS281 0 Hour	GEN PHYSICS I AND GEN PHYSICS I	Karen Camarda <a href="mailto:karen.camarda@washburn.edu">karen.camarda@washburn.edu</a>	Y	Y
WSU	PHYS313 4 Hours AND PHYS315 1 Hour	PHYSICS FOR SCIENTISTS I AND UNIVERSITY PHYSICS LAB I	Holger Meyer <a href="mailto:holger.meyer@wichita.edu">holger.meyer@wichita.edu</a>	Y	Y
<b>Total</b>				<b>21</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. The student will be able to recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Engineering Physics I topics.
2. The student will be able to think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Engineering Physics I topics, selecting relevant information, selecting an approach to solving the problem and carrying out the analysis needed to generate and communicate solution(s).
3. The student will be able to perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Engineering Physics I topics.
4. The student will be able to evaluate situations involving Engineering Physics I topics by choosing the appropriate conceptual frameworks.

**Next Recommended Course for Articulation or Revision:** None recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Sarah LeGresley Rush, KU and Matthew Antonik, Allen CC

Date: 10/16/2020

Discipline: Physics

Kansas Regents System Number (KRSN) and Title: PHY2030 Engineering Physics II & Lab

Co-Chairs: Matthew Antonik (Allen CC) and Sarah Rush (KU)

Transfer and Articulation Council Liaison(s): Tricia Paramore, Hutchinson CC

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

ENGINEERING PHYSICS II and LAB					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	PSC 205 5 Hours	ENGINEERING PHYSICS II	Matthew Antonik <a href="mailto:antonik@allencc.edu">antonik@allencc.edu</a>	Y	Y
Barton CC	PHYS 1606 5 Hours	ENGINEERING PHYSICS II		N	Y
Butler CC	PH 252 5 Hours	PHYSICS 2	Danny Mattern <a href="mailto:dmattern@butlercc.edu">dmattern@butlercc.edu</a>	Y	Y
Cloud County CC	SC 143 5 Hours	UNIVERSITY PHYSICS II	Henry Charles <a href="mailto:chenry@cloud.edu">chenry@cloud.edu</a>	Y	Y
Coffeyville CC	ENGR 211 5 Hours	ENGINEERING PHYSICS II	Ryan Willis <a href="mailto:ryanw@coffeyville.edu">ryanw@coffeyville.edu</a>	Y	Y
Colby CC	PH 228 5 Hours	ENGINEERING PHYSICS II (WITH LAB)		N	Y
Cowley CC	PHS 4561 5 Hours	ENGINEERING PHYSICS II	Humphrey Wamocha <a href="mailto:humphrey.wamocha@cowley.edu">humphrey.wamocha@cowley.edu</a>	Y	Y
Dodge City CC	PHYS 233 5 Hours	ENGINEERING PHYSICS II	Kent Craghead <a href="mailto:kent@dc3.edu">kent@dc3.edu</a>	Y	Y
FSCC	PHS 2025 5 Hours	COLLEGE PHYSICS II	Elie Riachi <a href="mailto:elier@fortscott.edu">elier@fortscott.edu</a>	Y	Y
Garden City CC	PHYS-208 5 Hours	ENGINEERING PHYSICS II		N	Y
Highland CC	PS 216 5 Hours	COLLEGE PHYSICS II	Ron Adams <a href="mailto:radams@highlandcc.edu">radams@highlandcc.edu</a>	Y	Y
Hutchinson CC	PY 202 5 Hours	ENGINEERING PHYSICS II	Dan Smith <a href="mailto:SmithD@hutchcc.edu">SmithD@hutchcc.edu</a>	Y	Y
Independence CC	PHS 2065 5 Hours	ENGINEERING PHYSICS II	Mona Saleh <a href="mailto:msaleh@indycc.edu">msaleh@indycc.edu</a>	Y	Y
JCCC	PHYS 221 5 Hours	ENGINEERING PHYSICS II	Daniel Martinez <a href="mailto:dmartine@jccc.edu">dmartine@jccc.edu</a>	Y	Y
KCKCC	NASC 0246 5 Hours	ENGINEERING PHYSICS II	Chandra Thapa <a href="mailto:cthapa@kckcc.edu">cthapa@kckcc.edu</a>	Y	Y
Labette CC	PHYS 208 5 Hours	ENGINEERING PHYSICS II	David Beach <a href="mailto:DavidB@labette.edu">DavidB@labette.edu</a>	Y	Y



Neosho County CC	PHYS 105 4 Hours AND PHYS 145 1 Hour	ENGINEERING PHYSICS II AND ENGINEERING PHYSICS II LAB		N	Y
Pratt CC	Not offered	Not offered		N	Y
Seward County CC	PS 2515 5 Hours	ENGINEERING PHYSICS II	Darrin R. Hook <a href="mailto:darrin.hook@sccc.edu">darrin.hook@sccc.edu</a>	Y	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	PH 393 3 Hours AND PH 394 1 Hour AND PH 395 1 Hour	PHYSICS II AND PHYSICS II LAB AND PHYSICS II RECITATION	Jorge Ballester <a href="mailto:jballest@emporia.edu">jballest@emporia.edu</a>	Y	Y
FHSU	PHYS 212 4 Hours AND PHYS 212L 1 Hour	PHYSICS FOR SCIENTISTS AND ENGINEERS II AND PHYSICS FOR SCIENTISTS AND ENGINEERS II LABORATORY	Gavin Buffington <a href="mailto:gbuffing@fhsu.edu">gbuffing@fhsu.edu</a>	Y	Y
K-State	PHYS 214 5 Hours	ENGINEERING PHYS 2	Brett D. DePaola <a href="mailto:depaola@phys.ksu.edu">depaola@phys.ksu.edu</a>	Y	Y
KU	PHSX 212 3 Hours AND PHSX 236 1 Hour	GENERAL PHYSICS II AND GENERAL PHYSICS II LABORATORY	Sarah Rush <a href="mailto:slegres@ku.edu">slegres@ku.edu</a>	Y	Y
PSU	PHYS-131 1 Hour AND PHYS-105 4 Hours	ELEMENTARY PHYSICS LAB II AND ENGINEERING PHYSICS II	Serif Uran <a href="mailto:suran@pittstate.edu">suran@pittstate.edu</a>	Y	Y
Washburn	PS 282 5 Hours AND PS 282 0 Hour	GENERAL PHYSICS II AND GENERAL PHYSICS II	Karen Camarda <a href="mailto:karen.camarda@washburn.edu">karen.camarda@washburn.edu</a>	Y	Y
WSU	PHYS 314 4 Hours AND PHYS 316 1 Hour	PHYSICS FOR SCIENTISTS II AND UNIVERSITY PHYSICS LAB II	Holger Meyer <a href="mailto:holger.meyer@wichita.edu">holger.meyer@wichita.edu</a>	Y	Y
<b>Total</b>				<b>21</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. The student will be able to evaluate situations involving Engineering Physics II topics by choosing the appropriate conceptual frameworks. The student will be able to recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Engineering Physics II topics.
2. The student will be able to think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Engineering Physics II topics, selecting relevant information, selecting an approach to solving the problem and carry out the analysis needed to generate and communicate solution(s).
3. The student will be able to perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Engineering Physics II topics.

**Next Recommended Course for Articulation or Revision:** None recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** Sarah LeGresley Rush, KU and Matthew Antonik, Allen CC

Date: 10/16/2020

Discipline: Religion

Kansas Regents System Number (KRSN) and Title: REL1020 Old Testament

Co-Chairs: Rannfrid Thelle, WSU and Doug Baty, Labette CC

Transfer and Articulation Council Liaison(s): Peter Chung, PSU

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

OLD TESTAMENT					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	HUM 131 3 Hours	OLD TESTAMENT	Sandy Moore <a href="mailto:Moore@allencc.edu">Moore@allencc.edu</a>	N	Y
Barton CC	RELI 1305 3 Hours	OLD TESTAMENT LIT: PENTATEUCH		N	Y
Butler CC	RG 191 3 Hours	OLD TESTAMENT	Donnie Featherston <a href="mailto:dfeatherston@butlercc.edu">dfeatherston@butlercc.edu</a>	Y	Y
Cloud County CC	Not offered	Not offered		N	Y
Coffeyville CC	Not offered	Not offered		N	Y
Colby CC	RE 105 3 Hours	INTRODUCTION TO THE OLD TESTAMENT		N	Y
Cowley CC	REL 6432 3 Hours	SURVEY OF THE OLD TESTAMENT	Meredith Mahoney <a href="mailto:meredith.mahoney@cowley.edu">meredith.mahoney@cowley.edu</a>	Y	Y
Dodge City CC	RS 101 3 Hours	OLD TESTAMENT SURVEY		N	Y
FSCC	REL 1073 3 Hours	OLD TESTAMENT HERITAGE	Jared Wheeler <a href="mailto:jaredwh@fortscott.edu">jaredwh@fortscott.edu</a>	Y	Y
Garden City CC	LITR-230 3 Hours	UNDERSTANDIN G OLD TESTAMENT	Patricia Keller <a href="mailto:patricia.keller@gcccks.edu">patricia.keller@gcccks.edu</a>	Y	Y
Highland CC	ENG 205 3 Hours	OLD TESTAMENT LITERATURE	Rebekah Allen <a href="mailto:rallen@highlandcc.edu">rallen@highlandcc.edu</a>	Y	Y
Hutchinson CC	RE 102 3 Hours	OLD TESTAMENT LITERATURE	Cindy Hoss <a href="mailto:hossc@hutchcc.edu">hossc@hutchcc.edu</a>	Y	Y
Independence CC	Not offered	Not offered		N	Y
JCCC	Not offered	Not offered		N	Y
KCKCC	Not offered	Not offered	Mario Ramos Reyes <a href="mailto:mramos@kckcc.edu">mramos@kckcc.edu</a>	Y	Y
Labette CC	Not offered	Not offered	Doug Baty <a href="mailto:dougb@labette.edu">dougb@labette.edu</a>	Y	Y
Neosho County CC	Not offered	Not offered	Kevin Blackwell <a href="mailto:kblackwell@neosho.edu">kblackwell@neosho.edu</a>	Y	Y

Pratt CC	PHL 105 3 Hours	INTRODUCTION TO THE OLD TESTAMENT	Frank Stahl <a href="mailto:franks@prattcc.edu">franks@prattcc.edu</a>	Y	Y
Seward County CC	PH 1303 3 Hours	INTRODUCTION TO THE OLD TESTAMENT	Jeff Olsen <a href="mailto:jeffrey.olsen@sccc.edu">jeffrey.olsen@sccc.edu</a>	N	Y
FHTC	Not offered	Not offered		N	Y
MATC	Not offered	Not offered		N	Y
NCK Tech	Not offered	Not offered		N	Y
NWKTC	Not offered	Not offered		N	Y
SATC	Not offered	Not offered		N	Y
WSU Tech	Not offered	Not offered		N	Y
ESU	Not offered	Not offered		N	Y
FHSU	PHIL 140 3 Hours	PHILOSOPHY AND THE BIBLE: OLD TESTAMENT	Carl Miller <a href="mailto:cemiller2@fhsu.edu">cemiller2@fhsu.edu</a>	Y	Y
K-State	Not offered	Not offered		N	Y
KU	Not offered	Not offered	Molly Zahn <a href="mailto:mzahn@ku.edu">mzahn@ku.edu</a>	Y	Y
PSU	Not offered	Not offered		N	Y
Washburn	RG 105 3 Hours	INTRODUCTION TO THE JEWISH SCRIPTURES	Chris Jones <a href="mailto:chris.jones1@washburn.edu">chris.jones1@washburn.edu</a>	Y	Y
WSU	REL 110 3 Hours	OLD TESTAMENT	Rannfrid Thelle <a href="mailto:rannfrid.thelle@wichita.edu">rannfrid.thelle@wichita.edu</a>	Y	Y
<b>Total</b>				<b>14</b>	<b>32</b>

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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Summarize the content and context of the Old Testament/Hebrew Bible.
2. Distinguish among various genres and cultural contexts represented in the Old Testament/Hebrew Bible.
3. Apply tools, methods, and results of academic Biblical scholarship to Old Testament/Hebrew Bible texts.
4. Analyze Old Testament/Hebrew Bible texts against the backdrop of ancient Near Eastern, Greek, and/or Roman worlds.
5. Evaluate the roles and uses of the Old Testament/Hebrew Bible in religious traditions and contemporary societies and cultures.

**Next Recommended Course for Articulation or Revision:** Possibly, Survey of the Bible

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None recommended

**Notes/Comments:**

Kansas Cor Outcomes Groups Conference Report

Date: 10/16/2020

Discipline: Religion

Kansas Regents System Number (KRSN) and Title: REL1020 Old Testament

Co-Chairs: Rannfrid Thelle, WSU and Doug Baty, Labette CC

Transfer and Articulation Council Liaison: Peter Chung, PSU

Outcomes meeting for Old Testament through Zoom

When everyone arrived in the meeting, Rannfrid took attendance, led a round of introductions, and clarified our duties and expectations for the day.

We reviewed what our group did the year before for the outcomes of New Testament studies and took input from the group about what may work for core outcomes for an Old Testament class.

We shared the challenges of teaching the Old Testament. Through the course of our meeting, we discussed terminology, possible outcomes, various contexts, and instructional points.

Recognizing that some institutions may add some specific criteria, those present agreed upon these five core outcomes.

We discussed having SURVEY OF THE BIBLE, to possibly have as a new course recommended for Articulation.

*\*The notes/comments constitute the author's understanding of the meeting and may or may not reflect or represent the views of all participants. The notes represent a contemporaneous record of the conversations regarding subject matter. They do not include the views of TAAC members or KBOR staff as related to Board policy. The 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.*

Date: 10/16/2020

Discipline: Sociology/Social Work

Kansas Regents System Number (KRSN) and Title: SOC1020 Introduction to Social Work

Co-Chairs: Nancy Jo Kepple, KU and Judy Bohrer, Butler CC

Transfer and Articulation Council Liaison(s): Ryan Ruda, Garden City CC and Linnea Glenmaye, WSU

Equivalent courses from Kansas Public Institutions for which Core Outcomes apply:

INTRO TO SOCIAL WORK					
Institution	Course ID & Credit Hours	Course Title	Institution Appointed Voting Faculty Member and E-mail	Present Y or N	Vote Y or N
Allen CC	SOC 140 3 Hours	INTRODUCTION TO SOCIAL WORK		N	Y
Barton CC	SOCI 1106 3 Hours	INTRODUCTION TO SOCIAL WORK	Kurt Konda <a href="mailto:KondaK@bartoncc.edu">KondaK@bartoncc.edu</a>	Y	Y
Butler CC	SW 102 3 Hours	INTRODUCTION TO SOCIAL WORK	Judy Bohrer <a href="mailto:jbohrer@butlercc.edu">jbohrer@butlercc.edu</a>	Y	Y
Cloud County CC	SS 129 3 Hours	INTRODUCTION TO SOCIAL WORK	Kevin Pounds <a href="mailto:kpounds@cloud.edu">kpounds@cloud.edu</a>	Y	Y
Coffeyville CC	Not Offered	Not offered	Kristi Brautman <a href="mailto:brautman.kristi@coffeyville.edu">brautman.kristi@coffeyville.edu</a>	Y	Y
Colby CC	Not Offered	Not offered		N	Y
Cowley CC	SOC 6821 3 Hours	INTRODUCTION TO SOCIAL WORK	Holly Peters <a href="mailto:holly.peters@cowley.edu">holly.peters@cowley.edu</a>	Y	Y
Dodge City CC	SW 201 3 Hours	INTRODUCTION TO SOCIAL WORK	Rodney Clayton <a href="mailto:RClayton@dc3.edu">RClayton@dc3.edu</a>	Y	Y
FSCC	Not Offered	Not offered		N	Y
Garden City CC	SOCI-210 3 Hours	INTRODUCTION TO SOCIAL WORK	Winsom Lamb <a href="mailto:winsom.lamb@gccks.edu">winsom.lamb@gccks.edu</a>	Y	Y
Highland CC	SOC 104 3 Hours	INTRODUCTION TO SOCIAL WORK	Kristin Woodruff <a href="mailto:kwoodruff@highlandcc.edu">kwoodruff@highlandcc.edu</a>	Y	Y
Hutchinson CC	SO 122 3 Hours	INTRODUCTION TO SOCIAL WORK	Kim Newberry <a href="mailto:newberryk@hutchcc.edu">newberryk@hutchcc.edu</a>	Y	Y
Independence CC	SOC 1213 3 Hours	INTRODUCTION TO SOCIAL WORK		N	Y
JCCC	SOC 146 3 Hours	INTRODUCTION TO SOCIAL WORK AND SOCIAL WELFARE		N	Y
KCKCC	SOSC 0210 3 Hours	INTRODUCTION TO SOCIAL WORK	Daryl Long <a href="mailto:dlong@kckcc.edu">dlong@kckcc.edu</a>	Y	Y
Labette CC	SOCI 112 3 Hours	INTRODUCTION TO SOCIAL WORK	Robert Perez <a href="mailto:robertp@labette.edu">robertp@labette.edu</a>	Y	Y
Neosho County CC	Not Offered	Not offered	Mark Johnston <a href="mailto:mjohnston@neosho.edu">mjohnston@neosho.edu</a>	Y	Y

Pratt CC	Not Offered	Not Offered		N	Y
Seward County CC	Not Offered	Not Offered		N	Y
FHTC	Not Offered	Not Offered		N	Y
MATC	Not Offered	Not Offered		N	Y
NCK Tech	Not Offered	Not offered		N	Y
NWKTC	Not Offered	Not offered		N	Y
SATC	Not Offered	Not offered		N	Y
WSU Tech	Not Offered	Not offered	Lisa Hilt <a href="mailto:lhilt@wsutech.edu">lhilt@wsutech.edu</a>	Y	Y
ESU	SO 345 3 Hours	INTRODUCTION TO SOCIAL WORK	Alfredo Montalvo <a href="mailto:amontalv@emporia.edu">amontalv@emporia.edu</a>	Y	Y
FHSU	SOCW 260 3 Hours	INTRODUCTION TO SOCIAL WORK	Rekala Tuxhorn <a href="mailto:rgtuxhorn@fhsu.edu">rgtuxhorn@fhsu.edu</a>	Y	Y
K-State	SOCWK 100 3 Hours	SOCIAL WORK: HELPING PROFESSN		N	Y
KU	SW 220 3 Hours	Social Work, Social Welfare, and U.S. Policy	Nancy Jo Kepple <a href="mailto:njkepple@ku.edu">njkepple@ku.edu</a>	Y	Y
PSU	SWK-201 3 Hours	INTRODUCTION TO SOCIAL WORK	Dory Quinn <a href="mailto:dequinn@pittstate.edu">dequinn@pittstate.edu</a>	Y	Y
Washburn	SW 100 3 Hours	INTRO TO SOC WK & SOC WELFARE	Tonya Ricklefs <a href="mailto:tonya.ricklefs@washburn.edu">tonya.ricklefs@washburn.edu</a>	Y	Y
WSU	SCWK 201 3 Hours	INTR SOC WORK SOC WELFARE	Deah Davis <a href="mailto:deah.davis@wichita.edu">deah.davis@wichita.edu</a>	Y	Y
<b>Total</b>				<b>19</b>	<b>32</b>



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

**Core Student Learning Outcomes: 4-8 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.**

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

1. Define and describe what social work is, what it does, what areas of human functioning it focuses on, and with whom do social workers customarily practice.
2. Compare and contrast social work from other helping professions (e.g. psychology, applied sociology, psychiatry, etc.).
3. Identify and critically examine the philosophical and historical roots of social work and social welfare.
4. Identify common fields of generalist practice at the various levels of social work interventions (e.g. individuals, families, groups, organizations, and communities).
5. Identify core values and ethical principles of the social work profession.
6. Identify core theories and research that guide social work and social welfare policies.
7. Identify and examine social and economic justice issues addressed by the social work and social welfare profession, especially those related to poverty, inequality, racism, sexism, heterosexism, ageism, and other forms of oppression at the micro, mezzo, and macro levels.

**Next Recommended Course for Articulation or Revision:** None Recommended

**Co-Chairs for Next Meeting (one University rep. and one College rep.):** None Recommended