KANSAS CORE OUTCOMES GROUPS

2016 ANNUAL REPORT

September 23, 2016

TABLE OF CONTENTS

Reports

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.

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 higher education. TAAC utilized the structure of the faculty led KCOGs to create additional discipline groups and facilitate annual meetings for articulating common core outcomes for systemwide transfer.

2016 Disciplines and Courses Summary

Discipline	Course Reviewed	KCOG Chair	TAAC Approved	Board Approved
Accounting	Financial Accounting	Nicci Denny, Allen CC	n/a	-
Biology	Anatomy & Physiology 5 credit hours	Mary Scott, Dodge City CC	10-26-16	n/a
Biology	Anatomy & Physiology 8 credit hours	Mary Scott, Dodge City CC	10-26-16	1-18-17
Biology	Biology II & Lab for Majors	Andrew Ouellette, Neosho County CC	10-26-16	1-18-17
Business	Introduction to Business	Bill Lewis, KU	10-26-16	1-18-17
Education	Introduction to Education	Julie Rhoads, Cowley CC Paul Burden, KSU	10-26-16	1-18-17
Geography	World Geography	Catherine Hooey, PSU	10-26-16	n/a
Health Management/ Allied Health	First Aid & CPR		10-26-16	1-18-17
Health Management/ Allied Health	Medical Terminology	Michelle Shipley, Washburn	11-19-16	1-18-17
Math	College Algebra	Paul Walcher, Neosho County CC	10-26-16	n/a
Math	Essential Math/Liberal Arts Math/Contemporary Math	Paul Walcher, Neosho County CC	10-26-16	1-18-17
Math	General/Business/Applied Calculus	Paul Walcher, Neosho County CC	10-26-16	1-18-17
Psychology	Human Lifespan/ Developmental Psychology	Don Saucier, KSU	10-26-16	n/a
Psychology	Introduction to Psychology	Don Saucier, KSU	10-26-16	n/a
Women's Studies	Introduction to Women's Studies	Kelly Erby, Washburn	10-26-16	1-18-17

TRANSFER AND ARTICULATION COUNCIL MEMBERS FOR 2016-17

Name	*Institution*
Lisa Beck	University of Kansas
Louise Benjamin	Kansas State University
Peter Chung	Pittsburg State University
Chris Culbertson	Kansas State University
Shelly Gehrke	Emporia State University
Linnea Glenmaye	Wichita State University
Bobbie Haviland	Allen Community College
Jim Hawley	Salina Area Technical College
Craig Karlin	Fort Hays State University
Eric Ketchum	Highland Community College
Steve Loewen	Flint Hills Technical College
Christina Long	Hutchinson Community College
Bruce Mactavish	Washburn University
Jon Marshall	Allen Community College
Tricia Paramore	Hutchinson Community College
Melinda Roelfs	Pittsburg State University
Phil Speary	Butler Community College
Ken Trzaska	Seward County Community College
Cherilee Walker	Kansas City Kansas Community College
Mike Williams	University of Kansas
Karla Wiscombe	Kansas Board of Regents
April Henry	Kansas Board of Regents
Kathleen Mercer	Kansas Department of Education & Kansas Board of Regents

INSTITUTIONS AND NUMBER OF FACULTY PARTICIPATING

Institution	*Attendees*
Allen County Community College	14
Barton County Community College	10
Butler County Community College	18
Cloud County Community College	12
Coffeyville Community College	8
Colby Community College	8
Cowley County Community College	10
Dodge City Community College	7
Fort Scott Community College	8
Garden City Community College	5
Highland Community College	8
Hutchinson Community College	14
Independence Community College	8
Johnson County Community College	14
Kansas City Kansas Community College	13
Labette County Community College	6
Neosho County Community College	11
Pratt Community College	2
Seward County Community College	9
Flint Hills Technical College	7
Manhattan Area Technical College	6
North Central Kansas Technical College	9
Northwest Kansas Technical College	2
Salina Area Technical College	5
Wichita Area Technical College	8
Emporia State University	12
Fort Hays State University	11
Kansas State University	11
Pittsburg State University	14
University of Kansas	13
Wichita State University	11
Washburn University	10
TOTAL	304

REPORTS

The following reports indicate the results of the 2016 meeting and work completed afterwards by the Transfer and Articulation Council.

September 23, 2016
Discipline: Accounting
Kansas Regents System Number (KRSN) and Title: ACC 1010 - Financial Accounting
Chair/Facilitator(s): Nicci Denny, Allen CC
Transfer and Articulation Council Liaison: Bobbie Haviland Allen CC and Craig Karlin, FHSU
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	BUS 210 – Financial Accounting	3	Nicci Denny Denny@allencc.edu	Y	Y
Barton CC	ACCT 1614 – Accounting I ACCT 1616 – Accounting II	3 3	Kathy Boeger boegerk@bartonccc.edu	Y	Y
Butler CC	BA 126 – Accounting BA 127 – Accounting II	3 3	Janice Akao Jakao@butlercc.edu	Y	Y
Cloud County CC	BE 161 – Accounting I BE 162 – Accounting II	3 3	Susan Greene sgreene@cloud.edu	Y	Y
Coffeyville CC	BUSN 171 – Financial Accounting	3	Carolyn Nelson carolynn@coffeyville.edu	Y	Y
Colby CC	AC 177 – Accounting I AC 178 – Accounting II	3 3	Thomas Fuhrman	Y	Y
Cowley CC	ACC 1150 – Principles of Accounting I ACC 1160 – Principles of Accounting II	3 3	Sarah Mathews Sarah.mathews@cowley.edu	Y	N
Dodge City CC	BUS 130 – Financial Accounting	4	Doris Donovan ddonovan@dc3.edu	Y	Y
Fort Scott CC	BUS 2013 – Financial Accounting	3	Debra Cummings debrac@fortscott.edu	Y	Y
Garden City CC	ACCT 101 – Accounting I ACCT 102 – Accounting II	3 3	Deb Robinson Deb.robinson@gcccks.edu	N	Y
Highland CC	BUS 200 – Financial Accounting	4	Ryan Douglas Rdouglas@highlandcc.edu	Y	Y
Hutchinson CC	BU 101 – Accounting I BU 102 – Accounting II	3 3	Kim Johnson johnsonk@hutchcc.edu	Y	Y
Independence CC	ACC 1043 – Financial Accounting	4	John Eubanks jeubanks@indycc.edu	Y	Y
JCCC	ACCT 121 – Accounting I ACCT 122 – Accounting II	3 3	Lisa Cole Lmcole@jccc.edu	Y	Y
KCKCC	BUSN 0101 – Accounting I BUSN 0102 – Accounting II	3 3	L. Sivaratnam lsivaratnam@kckcc.edu	Y	Y
Labette CC	ACCT 112 – Financial Accounting	3	Cathy Kibler cathyk@labette.edu	Y	Y
Neosho County CC	ACCT 201 – Financial Accounting I	3	James Halstead	Y	Y
Pratt CC	ACC177 & ACC178	6	Carol Ricke Carolr@prattcc.edu	Y	Y
Seward County CC/ATS	AC 1203 – Accounting I AC 1212 – Accounting II	3 3	Kim Zant	Y	Y
FHTC			Kim Dhority kdhority@fhtc.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Manhattan Tech	ACC 120 – Financial Accounting	3	Jason York jasonyork@manhattantech.edu	Y	Y
NCK Tech	BT 103 – Financial Accounting I	3	Dean Franzen & Jill Moeder dfranzen@ncktc.edu	Y	Y
NWKTC	BA235 Principles of Acctg 1	4	Trista Zimmerman	Y	Y
SATC		6	Jennifer Callis Jennifer.callis@salinatech.edu	Y	Y
WATC	ACC 160 – Principles of Accounting I ACC 170 – Principles of Accounting II	3 3	Don Roswurm drowsurm@watc.edu	N	Y
ESU	AC 223 – Accounting for Operating Activities	3	Lizabeth Diers ldiers@emporia.edu	Y	N
FHSU	ACCT 203 – Introductory Accounting I	3	Cole Engel cjengel2@fhsu.edu	Y	N
KSU	ACCTG 241 – Accounting for Investing and Financing	3	Dan Deines ddeines@ksu.edu	Y	N
KU	ACCT 200 – Financial Accounting I	4	Paul Mason	Y	Y
PSU	ACCTG 201 – Financial Accounting	3	Marlyn Polfer rcasey@pittstate.edu	Y	Y
WSU	ACCT 210 – Financial Accounting	3	Laura Zellers Laura.zellers@wichita.edu	Y	N
Washburn	AC 224 – Financial Accounting	3	Kanalis Ockree Jim.martin@washburn.edu	Y	Y
			TOTALS	30	27

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

Core Student Learning Outcomes: 4-6 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:

- Identify and demonstrate the effects of transactions and economic events on the financial statements in corporations and other business entities
- Prepare the four fundamental financial statements per U.S. GAAP
- Analyze and interpret the information presented in the financial statements
- Measure the value of assets and liabilities
- Evaluate the quality of business decisions in an ethical context

Next Recommended Course for Articulation: Financial and Managerial Accounting
Chair for Next Meeting: Lisa Cole, JCCC
Next Meeting Date (year): Oct. 13, 2017
TAAC ACTION: On October 26, 2016, TAAC did not approve the core outcomes and recommends the resolution of concerns of attending faculty members.

September 23, 2016
Discipline: Biology
Kansas Regents System Number (KRSN) and Title: BIO2020 - Anatomy and Physiology (up to 5 credit hours)
Chair/Facilitator(s): Mary Scott, Dodge City CC
Transfer and Articulation Council Liaison: Chris Culbertson, KSU and April Henry, KBOR
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	BIO257/BIO257L – Human Anatomy and Physiology	5	Betty Herring bherring@allencc.edu	Y	Y
Barton County CC	LIFE1408 – Anatomy & Physiology	5	Dr. Oleg Ravistskiy ravitskiyo@bartonccc.edu	Y	Y
Butler CC	BI240 – Anatomy & Physiology	5	Kathy Gifford kgifford@butlercc.edu	Y	Y
Cloud County CC	SC126 – Anatomy and Physiology	5	Dr. Craig Lamb clamb@cloud.edu Josh Urban jrurban@cloud.edu Taryn Cipra tcipra@cloud.edu	Y	Y
Coffeyville CC	BIOL203 – Anatomy & Physiology	5	Don Barker donb@coffeyville.edu	Y	Y
Colby CC	BI278 Anatomy & Physiology with Lab	5	Dr. Michael Samuels Michael.samuels@colbycc.edu	Y	Y
Cowley CC	BIO4150 – Human Anatomy & Physiology	5	Dr. Michelle Lett Michelle.lett@cowley.edu	N	Y
Dodge City CC	ZOO205 – Anatomy & Physiology (Edukan)	5	Dr. Mary Scott mscott@dc3.edu	Y	Y
Fort Scott CC	BIO1255 – Anatomy and Physiology	5	Tracy Springer tracys@fortscott.edu	Y	Y
Garden City CC	BIOL210-Anatomy and Physiology	5	Liz Tharman Elizabeth.tharman@gcccks.edu	Y	Y
Highland CC	Not applicable		Frank Kuhn fkuhn@highlandcc.edu	Y	Y
Hutchinson CC	BI103 – Human Anatomy and Physiology (lecture and lab)	6	Michelle Carey careym@hutchcc.edu	Y	Y
Independence CC	BIO2045 – Anatomy and Physiology	5	Brian Foreman bforeman@indycc.edu	Y	Y
JCCC	BIOL144 – Human Anatomy and Physiology	5	Marilyn Shopper mshopper@jccc.edu	N	Y
KCKCC	BIOL0143 – Anatomy and Physiology	5	Todd Gordon gordo@kckcc.edu	Y	Y
Labette CC	BIOL130 – Anatomy and Physiology	5	Dr. Daudi Langat daudil@labette.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Neosho County CC	BIOL257 – Human Anatomy and Physiology Lecture & BIOL258 – Human Anatomy and Physiology Lab	3 2	Lindsay Reustle lreustle@neosho.edu Michael Campbell mcampbell@neosho.edu	Y	Y
Pratt CC	BIO278 – Anatomy and Physiology	5	Jason Ghumm jasong@prattcc.edu	Y	Y
Seward County CC	BI2115 – Anatomy and Physiology with Lab	5	Myron Perry Myron.perry@sccc.edu	Y	Y
FHTC	BI202/BI203 Anatomy and Physiology/Lab	5	Brad Karr bkarr@fhtc.edu	Y	Y
Manhattan Tech	BSC125 – Anatomy and Physiology	5	Matt Schacht matthewschacht@manhattantech.edu	Y	Y
NCK Tech	BIOL230 – Anatomy and Physiology with Lab	5	Mark Schryer mschryer@ncktc.edu	Y	Y
NWKTC				N	Y
SATC	BIO150 – Human Anatomy and Physiology	5	Julie Allen Julie.allen@salinatech.edu	Y	Y
WATC	BIO150 – Human Anatomy and Physiology	5	Kyle York kyork@watc.edu	Y	Y
ESU	ZO362/363 – Human Anatomy and Physiology	5	Melissa Bailey Mbailey4@emporia.edu	Y	Y
FHSU	Not applicable		Chris Bennett cbennett@fhsu.edu	Y	Y
KSU	Not applicable		Kent Kirby kentk@ksu.edu	Y	Y
KU	Not applicable			N	Y
PSU	BIOL257 – Anatomy and Physiology	3 2	Neal Schmidt nschmidt@pittstate.edu	Y	Y
WSU	BIOL223 – Human Anatomy and Physiology	5	Maria Martino Maria.martino@wichita.edu Jennifer Ellie Jennifer.ellie@wichita.edu James Beck (voting) James.beck@wichita.edu	Y	Y
Washburn	Not applicable		John Mullican John.mullican@washburn.edu	Y	Y
			TOTALS	P-28 A-4	Y-32

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

Core 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 BIO 2020/2021/ 2022 - Anatomy and Physiology (5 credit hours), students will be able to:

Core Outcomes: The modules may be covered in a different sequence from that which is listed here. Content topics need not be taught in single blocks, but may be integrated. Unifying themes, such as homeostasis, are emphasized throughout.

Anatomy & Physiology

A. Body Plan & Organization

Upon completion of this section the student will be able to demonstrate measurable understanding of descriptive anatomical and directional terminology including the following topics.

- anatomical position
- body planes, sections
- body cavities & regions
- directional terms
- basic terminology
- levels of organization
- survey of body systems

B. Homeostasis

Upon completion of this section the student will be able to demonstrate measurable understanding of the basic concept of homeostasis and how homeostatic mechanisms apply to body systems including the following topics.

- general types of homeostatic mechanisms
- examples of homeostatic mechanisms
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

C. Chemistry & Cell Biology Review

Upon completion of this section the student will be able to demonstrate measurable understanding of basic chemistry and cellular structures and function, including the following topics.

- atoms & molecules
- chemical bonding
- inorganic compounds/solutions (including the concept of pH)
- organic compounds
- energy transfer using ATP
- intracellular organization of nucleus and cytoplasm
- membrane structure & function
- mechanisms for movement of materials across cellular membranes
- organelles
- protein synthesis
- cellular respiration (introduction)
- somatic cell division (mitosis & cytokinesis)
- reproductive cell division
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states and disorders

D. Histology

Upon completion of this section the student will be able to demonstrate measurable understanding of the basic tissues of the body, their location and functions, including the following topics.

- overview of histology & tissue types
- microscopic anatomy, location, & functional roles of epithelial, connective, muscular and nervous tissues
- membranes (mucous, serous, cutaneous & synovial) - glands (exocrine & endocrine) - tissue injury & repair

E. Integumentary System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the integumentary system and describe the functions of the system, including the following topics.

- general functions of the skin & the subcutaneous layer
- gross & microscopic anatomy of the skin
- roles of the specific tissue layers of the skin & subcutaneous layer
- anatomy & functional roles of accessory structures
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

F. Skeletal System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the skeletal system and explain their functional roles in osteogenesis, repair, and body movement, including the following topics.

- general functions of bone & the skeletal system
- structural components – microscopic anatomy
- structural components – gross anatomy
- physiology of embryonic bone formation (ossification, osteogenesis)
- physiology of bone growth, repair & remodeling
- organization of the skeletal system - gross anatomy of bones
- classification, structure & function of joints (articulations)
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

G. Muscular System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the muscular system and explain their functional roles in body movement, maintenance of posture, and heat production, including the following topics.

- general functions of muscle tissue
- identification, general location, & comparative characteristics of skeletal, smooth, & cardiac muscle tissue
- detailed gross & microscopic anatomy of skeletal muscle
- physiology of skeletal muscle contraction
- skeletal muscle metabolism
- principles & types of whole muscle contraction - nomenclature of skeletal muscles
- location & function of skeletal muscles
- group actions of skeletal muscles
- lever systems
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

H. Nervous System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the nervous system and explain their functional roles in communication, control, and integration, including the following topics.

- general functions of the nervous system
- organization of the nervous system from both anatomical & functional perspectives
- gross & microscopic anatomy of the nerve tissue
- neurophysiology, including mechanism of resting membrane potential, production of action potentials, & impulse transmission
- neurotransmitters& their roles in synaptic transmission
- sensory receptors & their roles
- division, origin, & function of component parts of the brain
- protective roles of the cranial bones, meninges, & cerebrospinal fluid
- structure & function of cranial nerves
- anatomy of the spinal cord & spinal nerves

- reflexes & their roles in nervous system function
- physiology of sensory & motor pathways in the brain & spinal cord
- functions of the autonomic nervous system
- comparison of somatic & autonomic nervous systems
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

I. Special Senses

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the eye and ear and explain their functional roles in vision, hearing and equilibrium. Students should also be able to identify and locate the receptors responsible for olfaction and gustation and briefly describe the physiology of smell and taste, including the following topics.

- gross & microscopic anatomy of the eye & ear
- roles of specific tissues of the eye in vision
- roles of specific tissues of the ear in hearing & equilibrium
- olfactory receptors & their role in smell
- gustatory receptors & their role in taste
- general gross & microscopic anatomy of hearing & accessory structures of the ear
- roles of specific tissues of the ear in hearing
- roles of the accessory structures
- role of the ear in equilibrium
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

J. Endocrine System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the endocrine system and explain the functional roles of their respective hormones in communication, control, and integration, including the following topics.

- general functions of the endocrine system
- chemical classification of hormones & mechanism of hormone actions at receptors
- control of hormone secretion
- control by the hypothalamus& pituitary gland
- identity, source, secretory control, & functional roles of the major hormones produced by the body
- local hormones (paracrines & autocrines) & growth factors
- hormonal response to stress
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

Note: Since the endocrine system plays a key role in the regulation and integration of body organ systems, detailed aspects of endocrine system function may be emphasized throughout the course.

K. Cardiovascular System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the cardiovascular system and explain their functional roles in transport and hemodynamics, including the following topics. Topics include:

- general functions of the cardiovascular system
- general functions of the cardiovascular system
- composition of blood plasma - identity, microscopic anatomy, numbers, formation, & functional roles of the formed elements of the blood
- hemostasis, including coagulation of the blood
- ABO & Rh blood grouping
- gross & microscopic anatomy of the heart, including the conduction system - physiology of cardiac muscle contraction - blood flow through the heart
- conduction system of the heart & the electrocardiogram
- cardiac cycle

- regulation of cardiac output, stroke volume & heart rate
- anatomy & functional roles of the different types of blood vessels
- pattern of blood circulation throughout the body, including systemic, pulmonary, coronary, hepatic portal, & fetal circulations
- blood pressure & its functional interrelationships with cardiac output, peripheral resistance, & hemodynamics
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

L. Lymphatic System & Immunity

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the lymphatic system and explain their functional roles in fluid dynamics and immunity, including the following topics.

- general functions of the lymphatic system
- general functions of the lymphatic system
- lymph & lymphatic vessels
- lymphatic cells, tissues, & organs
- introduction to innate (nonspecific) defenses & adaptive (specific) defenses
- innate (nonspecific) defenses
- overview of adaptive (specific) defenses
- antigens & antigen processing
- lymphocytes & their role in adaptive immunity
- antibodies & their role in adaptive immunity
- applied immunology
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

M. Respiratory System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the respiratory system and explain their functional roles in breathing/ventilation and in the processes of external and internal respiration, including the following topics.

- general functions of the respiratory system
- gross & microscopic anatomy of the respiratory tract & related organs
- mechanisms of pulmonary ventilation - pulmonary air volumes & capacities
- mechanisms of gas exchange in lungs & tissues
- mechanisms of gas transport in the blood
- control of pulmonary ventilation
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & Disorders

N. Digestive System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the digestive system and explain their functional roles in digestion, absorption, excretion and elimination, including the following topics.

- general functions of the digestive system
- gross & microscopic anatomy of the alimentary canal
- gross & microscopic anatomy of the accessory glands & organs
- peritoneum & mesenteries
- motility in the alimentary canal
- mechanical & chemical processes of digestion
- processes of absorption
- hormonal & neural regulation of digestive processes
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

O. Metabolism

Upon completion of this section the student will be able to demonstrate measurable understanding of the functional relationship among cellular, tissue and organ level metabolism, the role nutrition plays in metabolism, and the mechanisms by which metabolic rate is regulated in the body, including the following topics.

- nutrition
- introduction to metabolism
- cellular respiration & the catabolism & anabolism of carbohydrates, lipids, & proteins
- metabolic roles of body organs
- energy balance & thermoregulation
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

P. Urinary System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the urinary system and explain their functional roles, including the following topics.

- general functions of the urinary system
- gross & microscopic anatomy of the urinary tract, including detailed histology of the nephron
- functional processes of urine formation, including filtration, reabsorption, secretion, & excretion
- factors regulating & altering urine volume & composition, including the renin- angiotensin system and the roles of aldosterone& antidiuretic hormone
- endocrine activities of the kidneys, such as vitamin D activation & secretion of erythropoietin
- innervation & control of the urinary bladder

Q. Fluid/Electrolyte& Acid/Base Balance

Upon completion of this section the student will be able to demonstrate measurable understanding of the physiology of the homeostatic mechanisms that control fluid/electrolyte and acid/base balance, including the following topics.

- regulation of water intake & output
- description of the major fluid compartments, including intracellular, extracellular, intravascular, & interstitial
- volume & chemical composition of major compartment fluids
- movements between the major fluid compartments, causal forces, volumes, & electrolyte balance
- buffer systems & their roles in acid/base balance
- role of the respiratory system in acid/base balance
- role of the urinary system in acid/base balance

R. Reproductive Systems

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the reproductive system and explain their functional roles in reproduction and inheritance, including the following topics.

- general functions of the male & female reproductive systems
- gross & microscopic anatomy of the male & female reproductive systems
- gametogenesis
- specific roles of the female reproductive organs
- specific roles of the female reproductive organs - regulation of reproductive functions
- conception, pregnancy, & embryological & fetal development
- parturition & labor
- mammary gland anatomy & physiology

Comments:

Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities. This course is directed to pre-professional allied health students. It is the student's responsibility to know the credit hour requirements for their transfer programs.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Dr. Mary Scott, Dodge City Community College will continue to serve as the Faculty Chair unless a volunteer comes forward.

TAAC ACTION: Approved the revised outcomes for BIO 2020 - Anatomy and Physiology (5 credit hours) on October 26, 2016.

September 23, 2016
Discipline: Biology
Kansas Regents System Number (KRSN) and Title: BIO 2030/2031/2032 - Anatomy and Physiology (Minimum 8 credit hours)
Chair/Facilitator(s): Mary Scott, Dodge City CC
Transfer and Articulation Council Liaisons: Craig Karlin, FHSU; Bobbie Haviland, Allen CC
Equivalent courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	Not applicable		Betty Herring bherring@allencc.edu	Y	Y
Barton County CC	Not applicable		Dr. Oleg Ravistskiy ravitskiyo@bartonccc.edu	Y	Y
Butler CC	BI226 Anatomy & Physiology I BI227 Anatomy & Physiology II	4 4	Kathy Gifford kgifford@butlercc.edu	Y	Y
Cloud County CC	SC120 – Human Anatomy and Physiology I SC121 – Human Anatomy and Physiology II	4 4	Dr. Craig Lamb clamb@cloud.edu	Y	Y
Coffeyville CC	Not applicable		Don Barker donb@coffeyville.edu	Y	Y
Colby CC	BI276- Anatomy & Physiology I BI277- Anatomy & Physiology II	4 4	Dr. Michael Samuels Michael.samuels@colbycc.edu	Y	Y
Cowley CC	BIO4148 Human Anatomy and Physiology I BIO4149 Human Anatomy and Physiology II	4 4	Tiffany Corley Tiffany.corley@cowley.edu	N	Y
Dodge City CC	ZOO201 – Human Anatomy and Physiology I & ZOOL201 – Human Anatomy and Physiology I Lab (*required labs are 0 credit hours)* ZOO202 – Human Anatomy and Physiology II & ZOOL202 – Human Anatomy and Physiology II Lab (*required labs are 0 credit hours)*	4 4	Dr. Mary Scott mscott@dc3.edu	Y	Y
Fort Scott CC	Not applicable		Kenny Hudiburg kenny@fortscott.edu	Y	Y
Garden City CC	BIOL211 Anatomy & Physiology I BIOL212 Anatomy & Physiology II	4 4	Liz Tharman Elizabeth.tharman@gcccks.edu	Y	Y
Highland CC	BS104 – Human Anatomy BS105 – Human Physiology	4 4	Frank Kuhn fkuhn@highlandcc.edu	Y	Y
Hutchinson CC	Not applicable		Michelle Carey careym@hutchcc.edu	Y	Y
Independence CC	Not applicable		Brian Foreman bforeman@indycc.edu	Y	Y
JCCC	BIOL140 Human Anatomy BIOL225 Human Physiology	4	Marilyn Shopper mshopper@jccc.edu	N	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
		4			
KCKCC	BIOL0141 Human Anatomy BIOL0271/BIOL0272 Physiology/Physiology Lab	4 3/1 (4)	Todd Gordon gordo@kckcc.edu	Y	Y
Labette CC	Not applicable		Dr. Daudi Langat daudil@labette.edu	Y	Y
Neosho County CC	Not applicable		Lindsay Reustle lreustle@neosho.edu Michael Campbell mcampbell@neosho.edu	Y	Y
Pratt CC	Not applicable		Jason Ghumm jasong@prattcc.edu	Y	Y
Seward County CC	Not applicable		Myron Perry Myron.perry@sccc.edu	Y	Y
FHTC	Not applicable		Brad Karr bkarr@fhtc.edu	Y	Y
Manhattan Tech	Not applicable		Matt Schacht matthewschacht@manhattantech.edu	Y	Y
NCK Tech	Not applicable		Mark Schryer mschryer@ncktc.edu	Y	Y
NWKTC				N	Y
SATC	Not applicable		Julie Allen Julie.allen@salinatech.edu	Y	Y
WATC	Not applicable		Kyle York kyork@watc.edu	Y	Y
ESU	Not applicable		Melissa Bailey Mbailey4@emporia.edu	Y	Y
FHSU	BIOL230/230L – Anatomy & Physiology I BIOL231/231L – Anatomy & Physiology II	4 4	Chris Bennett cbennett@fhsu.edu	Y	Y
KSU	BIOL 340 Anatomy & Physiology	8	Kent Kirby kentk@ksu.edu	Y	Y
KU				N	Y
PSU	Not applicable		Neal Schmidt nschmidt@pittstate.edu	Y	Y
WSU	Not applicable		Maria Martino Maria.martino@wichita.edu Jennifer Ellie Jennifer.ellie@wichita.edu James Beck (voting) James.beck@wichita.edu	Y	Y
Washburn	BI255 Human Physiology BI275 Human Anatomy	4 4	John Mullican John.mullican@washburn.edu	Y	Y
			TOTALS	P-28 A-4	Y-32

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

Core 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 BIO 2030/2031/2032 - Anatomy and Physiology (8 credit hours), students will be able to:

Core Outcomes: The modules may be covered in a different sequence from that which is listed here. Content topics need not be taught in single blocks, but may be integrated. Unifying themes, such as homeostasis, are emphasized throughout. The topics are the same as for 5 credit hour but the depth is increased for 8 hours.

Anatomy & Physiology

A. Body Plan & Organization

Upon completion of this section the student will be able to demonstrate measurable understanding of descriptive anatomical and directional terminology including the following topics.

- anatomical position
- body planes, sections
- body cavities & regions
- directional terms
- basic terminology
- levels of organization
- survey of body systems

B. Homeostasis

Upon completion of this section the student will be able to demonstrate measurable understanding of the basic concept of homeostasis and how homeostatic mechanisms apply to body systems including the following topics.

- general types of homeostatic mechanisms
- examples of homeostatic mechanisms
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

C. Chemistry & Cell Biology Review

Upon completion of this section the student will be able to demonstrate measurable understanding of basic chemistry and cellular structures and function, including the following topics.

- atoms & molecules
- chemical bonding
- inorganic compounds/solutions (including the concept of pH)
- organic compounds
- energy transfer using ATP
- intracellular organization of nucleus and cytoplasm
- membrane structure & function
- mechanisms for movement of materials across cellular membranes
- organelles
- protein synthesis
- cellular respiration (introduction)
- somatic cell division (mitosis & cytokinesis)
- reproductive cell division
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states and disorders

D. Histology

Upon completion of this section the student will be able to demonstrate measurable understanding of the basic tissues of the body, their location and functions, including the following topics.

- overview of histology & tissue types
- microscopic anatomy, location, & functional roles of epithelial, connective, muscular and nervous tissues
- membranes (mucous, serous, cutaneous & synovial) - glands (exocrine & endocrine) - tissue injury & repair

E. Integumentary System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the integumentary system and describe the functions of the system, including the following topics.

- general functions of the skin & the subcutaneous layer
- gross & microscopic anatomy of the skin
- roles of the specific tissue layers of the skin & subcutaneous layer
- anatomy & functional roles of accessory structures
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

F. Skeletal System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the skeletal system and explain their functional roles in osteogenesis, repair, and body movement, including the following topics.

- general functions of bone & the skeletal system
- structural components – microscopic anatomy
- structural components – gross anatomy
- physiology of embryonic bone formation (ossification, osteogenesis)
- physiology of bone growth, repair & remodeling
- organization of the skeletal system - gross anatomy of bones
- classification, structure & function of joints (articulations)
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

G. Muscular System

Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the muscular system and explain their functional roles in body movement, maintenance of posture, and heat production, including the following topics.

- general functions of muscle tissue
- identification, general location, & comparative characteristics of skeletal, smooth, & cardiac muscle tissue
- detailed gross & microscopic anatomy of skeletal muscle
- physiology of skeletal muscle contraction
- skeletal muscle metabolism
- principles & types of whole muscle contraction - nomenclature of skeletal muscles
- location & function of skeletal muscles
- group actions of skeletal muscles
- lever systems
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

H. Nervous System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the nervous system and explain their functional roles in communication, control, and integration, including the following topics.

- general functions of the nervous system
- organization of the nervous system from both anatomical & functional perspectives
- gross & microscopic anatomy of the nerve tissue
- neurophysiology, including mechanism of resting membrane potential, production of action potentials, and impulse transmission
- neurotransmitters& their roles in synaptic transmission
- sensory receptors & their roles
- division, origin, & function of component parts of the brain
- protective roles of the cranial bones, meninges, & cerebrospinal fluid
- structure & function of cranial nerves
- anatomy of the spinal cord & spinal nerves

- reflexes & their roles in nervous system function
- physiology of sensory & motor pathways in the brain & spinal cord
- functions of the autonomic nervous system
- comparison of somatic & autonomic nervous systems
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

I. Special Senses

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the eye and ear and explain their functional roles in vision, hearing and equilibrium. Students should also be able to identify and locate the receptors responsible for olfaction and gustation and briefly describe the physiology of smell and taste, including the following topics.

- gross & microscopic anatomy of the eye & ear
- roles of specific tissues of the eye in vision
- roles of specific tissues of the ear in hearing & equilibrium
- olfactory receptors & their role in smell
- gustatory receptors & their role in taste
- general gross & microscopic anatomy of hearing & accessory structures of the ear
- roles of specific tissues of the ear in hearing
- roles of the accessory structures
- role of the ear in equilibrium
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

J. Endocrine System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the endocrine system and explain the functional roles of their respective hormones in communication, control, and integration, including the following topics.

- general functions of the endocrine system
- chemical classification of hormones & mechanism of hormone actions at receptors
- control of hormone secretion
- control by the hypothalamus& pituitary gland
- identity, source, secretory control, & functional roles of the major hormones produced by the body
- local hormones (paracrines & autocrines) & growth factors
- hormonal response to stress
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

Note: Since the endocrine system plays a key role in the regulation and integration of body organ systems, detailed aspects of endocrine system function may be emphasized throughout the course.

K. Cardiovascular System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the cardiovascular system and explain their functional roles in transport and hemodynamics, including the following topics. Topics include:

- general functions of the cardiovascular system
- general functions of the cardiovascular system
- composition of blood plasma - identity, microscopic anatomy, numbers, formation, & functional roles of the formed elements of the blood
- hemostasis, including coagulation of the blood
- ABO & Rh blood grouping
- gross & microscopic anatomy of the heart, including the conduction system - physiology of cardiac muscle contraction - blood flow through the heart
- conduction system of the heart & the electrocardiogram
- cardiac cycle

- regulation of cardiac output, stroke volume & heart rate
- anatomy & functional roles of the different types of blood vessels
- pattern of blood circulation throughout the body, including systemic, pulmonary, coronary, hepatic portal, & fetal circulations
- blood pressure & its functional interrelationships with cardiac output, peripheral resistance, & hemodynamics
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

L. Lymphatic System & Immunity

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the lymphatic system and explain their functional roles in fluid dynamics and immunity, including the following topics.

- general functions of the lymphatic system
- general functions of the lymphatic system
- lymph & lymphatic vessels
- lymphatic cells, tissues, & organs
- introduction to innate (nonspecific) defenses & adaptive (specific) defenses
- innate (nonspecific) defenses
- overview of adaptive (specific) defenses
- antigens & antigen processing
- lymphocytes & their role in adaptive immunity
- antibodies & their role in adaptive immunity
- applied immunology
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

M. Respiratory System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the respiratory system and explain their functional roles in breathing/ventilation and in the processes of external and internal respiration, including the following topics.

- general functions of the respiratory system
- gross & microscopic anatomy of the respiratory tract & related organs
- mechanisms of pulmonary ventilation - pulmonary air volumes & capacities
- mechanisms of gas exchange in lungs & tissues
- mechanisms of gas transport in the blood
- control of pulmonary ventilation
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & Disorders

N. Digestive System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the digestive system and explain their functional roles in digestion, absorption, excretion and elimination, including the following topics.

- general functions of the digestive system
- gross & microscopic anatomy of the alimentary canal
- gross & microscopic anatomy of the accessory glands & organs
- peritoneum & mesenteries
- motility in the alimentary canal
- mechanical & chemical processes of digestion
- processes of absorption
- hormonal & neural regulation of digestive processes
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

O. Metabolism

Upon completion of this section the student will be able to demonstrate measurable understanding of the functional relationship among cellular, tissue and organ level metabolism, the role nutrition plays in metabolism, and the mechanisms by which metabolic rate is regulated in the body, including the following topics.

- nutrition
- introduction to metabolism
- cellular respiration & the catabolism & anabolism of carbohydrates, lipids, & proteins
- metabolic roles of body organs
- energy balance & thermoregulation
- application of homeostatic mechanisms
- predictions related to homeostatic imbalance, including disease states & disorders

P. Urinary System

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the urinary system and explain their functional roles, including the following topics.

- general functions of the urinary system
- gross & microscopic anatomy of the urinary tract, including detailed histology of the nephron
- functional processes of urine formation, including filtration, reabsorption, secretion, & excretion
- factors regulating & altering urine volume & composition, including the renin- angiotensin system and the roles of aldosterone& antidiuretic hormone
- endocrine activities of the kidneys, such as vitamin D activation & secretion of erythropoietin
- innervation & control of the urinary bladder

Q. Fluid/Electrolyte& Acid/Base Balance

Upon completion of this section the student will be able to demonstrate measurable understanding of the physiology of the homeostatic mechanisms that control fluid/electrolyte and acid/base balance, including the following topics.

- regulation of water intake & output
- description of the major fluid compartments, including intracellular, extracellular, intravascular, & interstitial
- volume & chemical composition of major compartment fluids
- movements between the major fluid compartments, causal forces, volumes, & electrolyte balance
- buffer systems & their roles in acid/base balance
- role of the respiratory system in acid/base balance
- role of the urinary system in acid/base balance

R. Reproductive Systems

Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the reproductive system and explain their functional roles in reproduction and inheritance, including the following topics.

- general functions of the male & female reproductive systems
- gross & microscopic anatomy of the male & female reproductive systems
- gametogenesis
- specific roles of the female reproductive organs
- specific roles of the female reproductive organs - regulation of reproductive functions
- conception, pregnancy, & embryological & fetal development
- parturition & labor
- mammary gland anatomy & physiology

Comments:

Information contained in this section shall not exempt any institution from honoring equivalencies which have been approved as transferable across the system of Kansas public and municipal colleges and universities. This course is directed to pre-professional allied health students. It is the student's responsibility to know the credit hour requirements for their transfer programs. Students should be advised to complete their sequence of courses at the same institution.

It should be noted that the topics for these courses may be covered in a different sequence from that which is listed here. It may be covered as a single minimum 8 credit hour course or in a sequence of two courses equivalent to the minimum 8 credit hours. If all topics are discussed, it is each institution's choice on how to cover the topics (Anatomy & Physiology I and Anatomy & Physiology II, Anatomy & Physiology expanded for a one semester offering, or Anatomy and Physiology as separate courses). There may be some transferability questions if all course sequences are not taken at the same institution. If course requirements are met at the same institution, then expectations of successfully meeting the defined competencies are satisfied.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?
Concern was expressed if microbiology is complete yet and if transfer agreements have yet been made for that class.

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Dr. Mary Scott, Dodge City Community College will continue to serve as the Faculty Chair unless a volunteer comes forward.

TAAC ACTION: Approved the outcomes for BIO 2030/2031/2032 - Anatomy and Physiology (minimum 8 credit hours) and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

September 23, 2016
Discipline: Biology
Kansas Regents System Number (KRSN) and Title: BIO 1030/1031/1032 - Biology II & Lab for Majors
Chair/Facilitator(s): Andrew Ouellette, Neosho County CC
Transfer and Articulation Council Liaison: Peter Chung, PSU and Tricia Paramore, Hutchinson CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	BIO210 – Biology II (organismal) with Lab	5	Travis Robb robb@allencc.edu	Y	Y
Barton County CC	Not Offered		Charlotte Cates catesc@bartonccc.edu	Y	Y
Butler CC	BI220 – Biology II (Organisms)	5	Susan Forrest sforrest@butlercc.edu	Y	Y
Cloud County CC	Not Offered		Qin Gong qgong@cloud.edu	Y	Y
Coffeyville CC	BIOL208 – Biology II: Organismic Biology Lab	5	Pam Oliver pamo@coffeyville.edu	Y	Y
Colby CC	BI179 -- Biology II & Lab	5	Heidi Tarus Heidi.Tarus@colbycc.edu	Y	Y
Cowley CC	BIO4135 – General Biology II	5	Dr. Michelle Lett Michelle.lett@cowley.edu	Y	Y
Dodge City CC	BIO211 – Animal and Plant Biology and Lab	5	Scott Thompson sthompson@dc3.edu	Y	Y
Fort Scott CC	BIO1235 – Principles of Biology II	5	Tracy Springer tracys@fortscott.edu	Y	Y
Garden City CC	Not Offered			N	Y
Highland CC	Not Offered		Frank Kuhn fkuhn@highlandcc.edu	N	Y
Hutchinson CC	BI105 – Biology II (lecture & lab)	5	Joyce Barker barkerj@hutchcc.edu	Y	Y
Independence CC	BIO 1116 – Biology 2	5	Archana Lal alal@indycc.edu	Y	Y
JCCC	BIOL150 – Biology II & lab for Majors (Biology of Organisms)	5	Nancy Holcroft Benson nholcroft@jccc.edu	Y	Y
KCKCC	BIOL0225 – Diversity of Organisms	5	Ernie May emay@kckcc.edu	Y	Y
Labette CC	Not Offered			N	Y
Neosho County CC	BIOL255 -- Biology II BIOL256 – Biology II lab	3 2	Andrew Ouellette aouellette@neosho.edu	Y	Y
Pratt CC	Not Offered			N	Y
Seward County CC	BI1515 – Biology II for Majors	5	Jared Haas Jared.hass@sccc.edu	Y	Y
FHTC	Not Offered			N	Y
Manhattan Tech	Not Offered			N	Y
NCK Tech	Not Offered			N	Y
NWKTC	Not Offered			N	Y
SATC	Not Offered			N	Y
WATC	Not Offered		Travis Krehbiel tkrehbiel@watc.edu	Y	Y
ESU	GB140/141 – Principles of Biology & Lab	3+1	Lynette Sievert lsievert@emporia.edu	Y	Y
FHSU	Not Offered		Eric Gillock egillock@fhsu.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
KSU	BIOL201 – Organismic Biology	5	Dave Rintoul drintoul@ksu.edu	Y	Y
KU	BIOL152 – Principles of Organismal Biology	4	Greg Burg gburg@ku.edu	Y	Y
PSU	BIOL212 – Principles of Biology II	4	Joe Arruda jarruda@pittstate.edu	Y	Y
WSU	BIOL211 – General Biology II	4	James Beck – james.beck@wichita.edu	Y	Y
Washburn	BI103 – General Organismal Biology (lecture & lab)	5	John Mullican John.mullican@washburn.edu	Y	Y
			TOTALS	P-23 A-9	Y-32

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

BIO 1030/1031/1032 CORE OUTCOMES

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.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?

Review of Biology I (BIO 1020/1021/1022) & Biology II (BIO 1030/1031/1032) as a sequence in 2018-19

Who is the elected Faculty Chair for the next review meeting on or before 2022?

Andrew Ouellette (Neosho County CC) and/or Nancy Holcroft Benson (Johnson County CC)

TAAC ACTION: Approved the outcomes for BIO 1030/1031/1032 – Biology II and Lab for Majors and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

Discipline: Business
Kansas Regents System Number (KRSN) and Title: BUS 1020 - Introduction to Business
Chair/Facilitator(s): Bill Lewis, KU
Transfer and Articulation Council Liaison: Lisa Beck, KU and Steve Loewen, FHTC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	BUS120 – Introduction to Business	3	Mike Hayes hayes@allencc.edu		
Barton County CC	BUSI1600 – Introduction to Business	3	Deanna Heier heierd@bartonccc.edu	Y	Y
Butler CC	BA110 – Introduction to Business	3	Connie Belden cbelden@butlercc.edu	Y	Y
Cloud County CC	BE100 – Introduction to Business	3	Shelly Farha sfarha@cloud.edu	Y	Y
Coffeyville CC	BUSN116 – Fundamentals of Business	3	Debbie Allen debbiea@coffeyville.edu	Y	Y
Colby CC	BU178 – Introduction to Business	3	Sami Tolle Sami.tolle@colbycc.edu	Y	Y
Cowley CC	BUS1311 – Introduction to Business	3	Lory West Lory.west@cowley.edu	Y	Y
Dodge City CC	BUS143 – Introduction to Business	3	Doris Donovan ddonovan@dc3.edu		
Fort Scott CC	BUS1273 – Introduction to Business	3	Debra Cummings debrac@fortscott.edu		
Garden City CC	BSAD101 – Introduction to Business	3	Renee Harbin Renee.harbin@gcccks.edu	Y	Y
Highland CC	BUS101 – Introduction to Business	3	Laura Young lyoung@highlandcc.edu	Y	Y
Hutchinson CC	BU105 – Introduction to Business	3	Patty Kolarik kolarikp@hutchcc.edu	Y	Y
Independence CC	Not Offered		Melissa Ashford mashford@indycc.edu	Y	Y
JCCC	BUS121 – Introduction to Business	3	Megan noel Mnoel1@jccc.edu	Y	Y
KCKCC	BUSN0210 – Introduction to Business	3	A. Lenoir alenoir@kckcc.edu	Y	Y
Labette CC	BUAD101 – Introduction to Business	3	Robert Bartelli robertb@labette.edu	Y	Y
Neosho County CC	MGMK101 – Introduction to Business	3	Richard Webber rwebber@neosho.edu	Y	N
Pratt CC	BUS178 – Introduction to Business	3	EduKan faculty (online) Marcis Hatcher – mhatcher@sccc.edu		
Seward County CC	BA1013 – Introduction to Business	3	Lisa Kennedy Lisa.kennedy@sccc.edu	Y	Y
FHTC					
Manhattan Tech	BUS126 – Introduction to Business	3	Laurie Johnson lauriejohnson@matc.edu	Y	Y
NCK Tech	BT100 – Business Concepts	3	Jennifer Younger jyounger@ncktc.edu	Y	Y
NWKTC	BA100 – Introduction to Business	3	Jeremy Johnston Jeremy.johnston@nwktc.edu	Y	Y
SATC	Not Offered				

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
WATC	BUS104 – Introduction to Business	3	Todd Kelley tkelley@watc.edu	Y	Y
ESU	BU140 – Business Dynamics	3	Javier Flores jflores@emporia.edu	Y	Y
FHSU	MGT101 – Introduction to Business	3	James Hyatt jchyatt@fhsu.edu	Y	Y
KSU	Not Offered				
KU	BUS101 – Business Majors, Careers and Professional Skills	3	Lisa Leroux-Smith llerouxsmith@ku.edu Bill Beedles wbeedles@ku.edu	Y Y	Y
PSU	MGMKT101 – Introduction to Business	3	Jeff Poe jpoe@pittstate.edu	Y	Y
WSU	Not Offered				
Washburn	BU101 – Introduction to Business	3	Karl Klein Karl.klein@washburn.edu		
			TOTALS	P-23 A-9	Y – 22 N – 1

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

Core Student Learning Outcomes: *4-6 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.*

1. Identify and define Accounting from academic and professional perspectives
2. Identify and define Finance from academic and professional perspectives
3. Identify and define Marketing from academic and professional perspectives
4. Identify and define Management and Leadership from academic and professional perspectives
5. Identify and define Information Systems from academic and professional perspectives
6. Identify and define Entrepreneurship from academic and professional perspectives
7. Identify and define Economics from academic and professional perspectives
8. Identify and define International Business from academic and professional perspectives
9. Identify and define Supply Chain/Operations Management from academic and professional perspectives
10. Demonstrate business etiquette and effective communications skills.
11. Recognize the importance of business in devising individual educational and professional career goals and opportunities.
12. Identify the role of ethics and social responsibility in business.

TAAC ACTION: Approved the outcomes for BUS 1020 Introduction to Business and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

September 23, 2016
Discipline: Education
Kansas Regents System Number (KRSN) and Title: EDU 1010 - Introduction to Education
Chair/Facilitator(s): Paul Burden, KSU & Julie Rhoads, Cowley CC
Transfer and Articulation Council Liaison: Kathleen Mercer – KSDE/KBOR
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	EDU201 – Foundations of Education	3	Tracy Lee lee@allencc.edu	Y	Y
Barton County CC	EDUC1128 – Foundation of Modern Education	3	Jaime Oss ossj@bartonccc.edu	Y	Y
Butler CC	ED206 – Introduction to Teaching	3	Shellie Gutierrez sgutier@butlercc.edu	Y	Y
Cloud County CC	ED100 – Introduction to Education	3	Spencer Farha safarha@cloud.edu	Y	Y
Coffeyville CC	EDUC195 – Introduction of Education	3	Cari Redden carir@coffeyville.edu	N	Y
Colby CC	ED177 – Foundations of Modern Education	3	Krista Carter Krista.carter@colbycc.edu	Y	Y
Cowley CC	EDU6211 – Introduction to Teaching Profession	3	Julie Rhoads Julie.rhoads@cowley.edu	Y	Y
Dodge City CC	ED201 – Introduction to Education	3	Laura Kuplic lkuplic@dc3.edu	Y	Y
Fort Scott CC	EDU1013 - Introduction to Education	3	Regina Lance Regenal@fortscott.edu	Y	Y
Garden City CC	EDUC105 – Foundations of Education	3	Judy Whitehill Judy.whitehill@gcccks.edu	N	Y
Highland CC	ED110 – Introduction to Education	3	Eleanor Hensley ehensley@highlandcc.edu	Y	Y
Hutchinson CC	ED201 – Introduction to Education	4	Teri Eckhoff eckhofft@hutchcc.edu	Y	Y
Independence CC	EDU1003 – Introduction to Education	3	Eva Harkness eharkness@indycc.edu	N	Y
JCCC	EDUC120 – Introduction to Teaching	3	Diana Hurst Dhurst1@jccc.edu	Y	Y
KCKCC	EDUC0160 – Introduction to Teaching	3	Dr. Hira Nair hnair@kckcc.edu	Y	Y
Labette CC	Not Offered				
Neosho County CC	EDUC104 – Introduction to Teaching	2	Mindy Ayers mayers@neosho.edu	Y	Y
Pratt CC	EDU177 – Foundation of Modern Education	3	~~Rhonda Westerhaus~~ *not available per e-mail*		
Seward County CC/ATS	ED1103 – Introduction to Education	3	Adam Borth Adam.borth@sccc.edu	Y	Y
FHTC					
Manhattan Tech	Not Offered				
NCK Tech	Not Offered				
NWKTC					
SATC	Not Offered				
WATC	Not Offered				
ESU	EL220 – Introduction to Teaching	2	Sara Schwerdtfeger sschwerd@emporia.edu	Y	Y

FHSU	TEEL202 – Foundations of Education	3	Gary Andersen ggandersen@fhsu.edu	Y	Y
KSU	EDEL310/EDSEC310 – Foundations of Education	3	Paul Burden burden@ksu.edu	Y	Y
KU	C&T100 – Introduction to the Education Profession	3	Steven White S-white@ku.edu Reva Friedman Recacf@ku.edu	Y N	Y
PSU	EDUC261 – Explorations in Education	3	Julie Samuels jsamuels@pittstate.edu	Y	Y
WSU	CI270 – Introduction to the Education Profession	3	Kim McDowell Kim.mcdowell@wichita.edu	Y	Y
Washburn	ED225 – Becoming an Education Professional	3	Cherry Steffen Cherry.steffen@washburn.edu	Y	Y
			TOTALS	P-21 A-11	Y-24

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

Core Student Learning Outcomes: *4-6 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:

- Reflect on the opportunities and responsibilities associated with education as a profession.
- Synthesize the relationship between the foundations and trends in education.
- Demonstrate an awareness of diversity in teaching and learning.
- Examine effective practices in planning, engaging, and assessing learning.

Next Recommended Course for Articulation: None

Chair for Next Meeting: Julie Samuels, PSU & Mindy Ayers, Neosho CC

Next Meeting Date (year): 2021

TAAC ACTION: Approved the outcomes for EDU1010 Introduction to Education and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

September 23, 2016
Discipline: Geography
Kansas Regents System Number (KRSN) and Title: GEO1010 - World Regional Geography
Chair/Facilitator(s): Catherine Hooey, PSU
Transfer and Articulation Council Liaison: Mike Williams, KU and Christina Long, Hutchinson CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	GEO104 – Principles of Geography	3	Steve Dodson sdodson@allencc.edu	Y	Y
Barton County CC	GEOG1819 World and Regional Geography	3	Jerry Butler butlerg@bartonccc.edu	Y	Y
Butler CC	SC120 – Principles of Geography	3	Robert Clark rclark31@butlercc.edu	Y	Y
Cloud County CC	GE101 – World Geography	3	Matthew Nies mnies@cloud.edu	Y	Y
Coffeyville CC	GEOG120 – World Geography	3	Megan Manley meganm@coffeyville.edu	Y	Y
Colby CC	GE176 World Regional Geography	3	Chris Price chris.price@colbycc.edu	Y	Y
Cowley CC	GEG6120 – Principles of Geography	3	Robyn Hill Robyn.hill@cowley.edu	Y	Y
Dodge City CC	GEO101 – Geography	3	Sean Creevey spc@dc3.edu	Y	Y
Fort Scott CC	GEO1023 – World Regional Geography	3	Gerald Hart geraldh@fortscott.edu	Y	Y
Garden City CC	GEOG 101 World Regional Geography	3	Chip Marcy charles.marcy@gcccks.edu	Y	Y
Highland CC	GEO212 – World Regional Geography	3	Bill Noll bnoll@highlandcc.edu	Y	Y
Hutchinson CC	GE101 – World Geography	3	Antoinette Root roota@hutchcc.edu	Y	Y
Independence CC	SOC2013 – World Regional Geography	3	Isaias McCaffery imccaffery@indycc.edu	Y	Y
JCCC	GEOS145 – World Regional Geography	3	John Harty Jharty1@jccc.edu	Y	Y
KCKCC	GEO0101 – Introduction to Cultural Geography	3	Jessie Johnson jessiej@kckcc.edu	Y	Y
Labette CC	GEOG101 – World Regional Geography	3	Tim Miller timm@labette.edu	Y	Y
Neosho County CC	HIST207 – World Regional Geography	3	Kevin Blackwell kblackwell@neosho.edu	Y	Y
Pratt CC	SSC176 – World Geography	3	Gerald Butler (EduKan) butlerg@bartonccc.edu	N	Y*
Seward County CC	GE1103 – World Regional Geography	3	Gary Damron Gary.damron@sccc.edu	Y	Y
FHTC				N	
Manhattan Tech	Not Offered			N	
NCK Tech	Not Offered			N	
NWKTC				N	
SATC	Not Offered			N	
WATC	Not Offered			N	
ESU	GE101 – World Regional Geography	3	Ellen Hansen ehansen@emporia.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
FHSU	GSCI110 – World Geography	3	Keith Bremer kabremer@fhsu.edu	N	Y*
KSU	GEOG100 – World Regional Geography	3	Max Lu maxlu@ksu.edu	Y	Y
KU	GEOG100 – World Regional Geography	3		N	Y*
PSU	GEOG106 – World Regional Geography	3	Catherine Hooey chooey@pittstate.edu	Y	Y
WSU	GEOG210 – Introduction to World Geography	3	Craig Torbenson Craig.torbenson@wichita.edu	Y	Y
Washburn	GG102 – World Regional Geography	3	Tom Schmiedeler Tom.schmiedeler@washburn.edu	N	Y*
			TOTALS	P-22 A-10	Y-26*

There were 4 absences: these were each recorded as a Yes vote in accordance with the policy below.

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

Core Student Learning Outcomes: *4-6 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 basic geographic concepts.
2. Interpret geographic phenomena with maps and spatial data.
3. Understand the process of regionalization.
4. Analyze human-environment interaction.
5. Evaluate global interconnectedness.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?
No. There is no other course in Geography that is offered widely enough to be considered for SWT.

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Antoinette Root, Hutchinson Community College, roota@hutchcc.edu

TAAC ACTION: Approved the revised outcomes for GEO 1010 World Regional Geography on October 26, 2016.

September 23, 2016
Discipline: Health Management/Allied Health
Kansas Regents System Number (KRSN) and Title: HSC 1040 - First Aid & CPR
Chair/Facilitator(s): Susan Wehring, KU
Transfer and Articulation Council Liaison: Shelly Gehrke, ESU and Cherilee Walker, KCKCC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	HPE121 – First Aid and Safety	3	Roger Campbell campbell@allencc.edu	Y	Y
Barton County CC	Not Offered			N	Y
Butler CC	FW221 – First Aid/CPR/AED	2	Matt Sanders msanders4@butlercc.edu	Y	Y
Cloud County CC	PE131 – First Aid and Safety	3	Steve Schroeder sschroeder@cloud.edu	N	Y
Coffeyville CC	HPER101 – First Aid	2	Rick King rickk@coffeyville.edu	N	Y
Colby CC	Not Offered			N	Y
Cowley CC	ALH6323 – First Aid and CPR ALH6324 – Basic First Aid & CPR	3 1	Chris Cannon Chris.cannon@cowley.edu	Y	Y
Dodge City CC	HLTH101 – First Aid	3		N	Y
Fort Scott CC	ALH1011 – Standard First Aid & ALH1020 – CPR: For Basic Rescuer Health Care	1 & 1	Dale Cathey dalec@fortscott.edu	Y	Y
Garden City CC	HPER109 – First Aid	2	Greg Greathouse greg.greathouse@gcccks.edu	N	Y
Highland CC	PE113 – First Aid and Safety	3	Matt McElroy mmcelroy@highlandcc.edu	Y	Y
Hutchinson CC	PE106 – First Aid and CPR	2	Ryan Hilty hiltyr@hutchcc.edu	Y	Y
Independence CC	HEA1010 – First Aid and Personal Safety	.5	Sue Manning smanning@indycc.edu	N	Y
JCCC	HPER200 – First Aid & CPR	2	Susan Brown sbrown@jccc.edu Joe Weis jweis@jccc.edu	Y	Y
KCKCC	EXSC115 – First Aid	2	Julia Bichelmeyer julia@kckcc.edu	Y	Y
Labette CC	PED118 – First Aid	2	Ben McKenzie benm@labette.edu	Y	Y
Neosho County CC	ALHE140 – Community CPR	3	Don Nungesser dnungesser@neosho.edu	N	Y
Pratt CC	HPR231 – First Aid & Safety	3	Michael Jackson mikej@prattcc.edu	N	Y
Seward County CC	PE2112 – Responding to Emergencies	2	Alli Lyon Alli.lyon@sccc.edu	N	Y
FHTC	HHS261 - First Aid and CPR HHS266	1 1	Barb Evans bevans@fhtc.edu	Y	Y
Manhattan Tech	Not Offered			N	Y
NCK Tech	Not Offered			N	Y
NWKTC				N	Y
SATC	ALH120 – CPR (technical course)	.5	Naomi Tatro Naomi.tatro@salinatech.edu	N	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
WATC	ALH105 – First Aid & CPR	3	Vrenda Pritchard vpritchard@watc.edu	N	Y
ESU	HL155 – First Aid & Personal Safety	2	Shawna Shane sshane@emporia.edu	Y	Y
FHSU	HHP220 – Responding to Emergencies	3	Helen Miles hmmiles@fhsu.edu	Y	Y
KSU	Not Offered			N	Y
KU	HSES248 – First Aid	2	Susan Wehring swehring@ku.edu	Y	Y
PSU	HHPR260 – First Aid and CPR	2	Julia Spresser Jaspresser@pittstate.edu	Y	Y
WSU	Not Offered			N	Y
Washburn	KN271 – First Aid and CPR	2	Roy Wohl Roy.wohl@washburn.edu	Y	Y
			TOTALS	P-15 A-17	Y-32

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

Core Student Learning Outcomes: *4-6 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 an emergency, assess the scene and develop an appropriate plan of action.
2. Demonstrate the knowledge and skills necessary to provide emergency assistance in cases such as choking, rescue breathing, CPR and use of AED for adults, children, and infants.
3. Demonstrate and explain how to provide care for life-threatening emergencies including breathing, shock, head and spinal injuries, sudden illness, stroke, soft tissues and musculoskeletal injuries.
4. Identify and describe how to respond effectively to a variety of environmental, man-made and/or national security emergencies.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)? No

Who is the elected Faculty Chair for the next review meeting on or before 2022?

TAAC ACTION: Approved the outcomes for HSC 1040 – First Aid & CPR and recommended the course to the Kansas Board of Regents for system wide transfer on November 16, 2016.

September 23, 2016
Discipline: Health Management/Allied Health
Kansas Regents System Number (KRSN) and Title: HSC 1030 - Medical Terminology
Chair/Facilitator(s): Michelle Shipley, Washburn
Transfer and Articulation Council Liaison: Melinda Roelfs, PSU and Phil Speary, Butler CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	MED120 – Medical Terminology	3	Jodi Blair jblair@allencc.edu	Y	Y
Barton County CC	MDAS1672 – Medical Terminology	3	Kimberly Brennan brennank@bartonccc.edu	Y	Y
Butler CC	AH201 – Health Medical Term I AH202 – Health Medical Term II	3 1	Tammy Green tgreen@butlercc.edu	Y	Y
Cloud County CC	BE122 – Medical Office Vocabulary	2	Tena Elwood telwood@cloud.edu	Y	Y
Coffeyville CC	MEDA160 – Medical Terminology	3	Lisa Miller lisam@coffeyville.edu	N	Y
Colby CC	AL102 – Medical Terminology	1 or 3	Jason Tew Jason.tew@colbycc.edu	N	Y
Cowley CC	ALH1655 – Medical Terminology	3	Chris Cannon Chris.cannon@cowley.edu	N	Y
Dodge City CC	AH130 – Medical Terminology	3		N	Y
Fort Scott CC	ALH2733 – Medical Terminology	3	Bill Rhoads billr@fortscott.edu	Y	Y
Garden City CC	EMIC104 – Medical Terminology	3	Judy Whitehill Judy.whitehill@gcccks.edu	N	Y
Highland CC	BS109 – Medical Terminology	3	Christina Prudden cprudden@highlandcc.edu	N	Y
Hutchinson CC	HR105 – Medical Terminology	3	William (Bill) Horton hortonw@hutchcc.edu	Y	N
Independence CC	HEA1143 – Medical Terminology	3	Sue Manning smanning@indycc.edu	Y	Y
JCCC	HC130 – Medical Terminology for Healthcare Professions	3	Aftab Merchant Amercha4@jccc.edu	N	Y
KCKCC	ALHT120 – Medical Terminology ALHT126 – Medical Terminology	1 2	Susie Myers smyers@kckcc.edu Julie Bechelmeyer julia@kckcc.edu	Y	Y
Labette CC	OTEC124 – Medical Terminology	3	Lori Ford lorf@labette.edu	N	Y
Neosho County CC	ALHE105 – Medical Terminology	3	Amber Vail Avail@neosho.edu	N	Y
Pratt CC	BUS249 – Medical Terminology	3	Carol Ricke carolr@prattcc.edu	N	Y
Seward County CC	HI1023 – Medical Terminology	3	Jamie Titus Jamie.titus@sccc.edu	N	Y
FHTC	Dispatch 100- Medical Terminology		Kim McNeese kmcneese@fhtc.edu	Y	Y
Manhattan Tech	BUS141 – Medical Terminology	3	Karen Sheffield Lauri Johnson	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
			lauriejohnson@manhattantech.edu		
NCK Tech	COM210 – Medical Terminology	3	Brian Dechant bdechant@ncktc.edu	Y	Y
NWKTC			Lois Siebert or Carrie Whitcomb	N	Y
SATC	ALH125 – Medical Terminology (technical course)	3	Sandi Davis Sandi.davis@salinatech.edu	N	Y
WATC	ALH101 – Medical Terminology	3	Vrenda Pritchard vpritchard@watc.edu	Y	Y
ESU	Not Offered				
FHSU	Not Offered				
KSU	CLSCS105 – Greek and Latin for Scientists	2	Ben McCloskey mccloskey@ksu.edu	Y	Y
KU	Not Offered				
PSU	NURS314 – Healthcare Terminology and Drug Calculations	3	Cheryl Giefer cgiefer@pittstate.edu	Y	Y
WSU	HP203 – Medical Terminology	2	Jean Brickell Jean.brickell@wichita.edu	Y	Y
Washburn	AAI141 – Medical Terminology	3	Michelle Shipley Michelle.shipley@washburn.edu	Y	Y
			TOTALS	P-16 A-13	Y-28 N-1

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

Core Student Learning Outcomes: 4-6 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 medical terms based on word elements.
2) Identify and define medical word roots, prefixes and suffixes utilized in building medical terms.
3) Apply medical terms in the proper context.
4) Communicate and spell medical terms accurately.
5) Identify terms and abbreviations related to basic anatomy, physiology and pathology.
6) Describe organizational components of the body, directional terms, anatomic planes, regions and quadrants.

Next Recommended Course for Articulation: N/A

Chair for Next Meeting: N/A

Next Meeting Date (year): 2022

TAAC ACTION: Approved the outcomes for HSC 1030 – Medical Terminology and recommended the course to the Kansas Board of Regents for system wide transfer on November 16, 2016.

September 23, 2016
Discipline: Math
Kansas Regents System Number (KRSN) and Title: MAT1010 – College Algebra
Chair/Facilitator(s): Paul Walcher, Neosho County CC
Transfer and Articulation Council Liaison: Jon Marshall, Allen CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	MAT105 – College Algebra	3	Karen McKarnin mckarnin@allencc.edu	Y	Y
Barton County CC	MATH1828 – College Algebra MATH1826 – College Algebra with Review	3 5	Kenneth Kolembe kolembek@bartonccc.edu	Y	Y
Butler CC	MA135 – College Algebra MA131 – College Algebra with Review	3 5	Larry Friesen lfriesen@butlercc.edu	N	
Cloud County CC	MA111 – College Algebra	3	Mark Whisler mwhisler@cloud.edu Dr. Gwen Carnes Gcarnes@cloud.edu	Y	Y
Coffeyville CC	MATH105 – College Algebra	3	Ryan Willis ryanw@coffeyville.edu	Y	Y
Colby CC	MA 178 – College Algebra	3	John Olson John.olson@colbycc.edu	Y	Y
Cowley CC	MTH4420 – College Algebra MTH4421 – College Algebra with Review	3 5	Heather Kelly Heather.kelly@cowley.edu	Y	Y
Dodge City CC	MATH 106 – College Algebra	3	Kent Craghead kent@dc3.edu	Y	Y
Fort Scott CC	MAT1083 - College Algebra or MAT1084 – College Algebra with Review	3 4	DeeAnn Vanluyck deeannv@fortscott.edu Kathy Malone Kathym@fortscott.edu	Y	Y
Garden City CC	MATH 108 – College Algebra	3	Nicole Dick nicole.dick@gcccks.edu	Y	Y
Highland CC	MAT104 – College Algebra	3	Carol White cwhite@highlandcc.edu	Y	Y
Hutchinson CC	MA106 – College Algebra	3	Allen Pinkall pinkalla@hutchcc.edu	Y	Y
Independence CC	MAT1025 – College Algebra MAT1023 – College Algebra	5 3	Brian Southworth bsouthworth@indycc.edu	Y	Y
JCCC	MATH171 – College Algebra	3	Jennifer Kennett jkennett@jccc.edu Brian Balman bbalman@jccc.edu	Y	Y
KCKCC	MATH0105 – College Algebra	5	Tanya Townsend ttownsend@kckcc.edu	Y	Y
Labette CC	MATH115 – College Algebra	3	Ralph Gouvion ralphg@labette.edu	Y	Y
Neosho County CC	MATH113 – College Algebra MATH 111 – College Algebra Workshop	3 5	Nathan Stanley nstanley@neosho.edu	Y	Y
Pratt CC	MTH178 – College Algebra	3	Sarah Jackson sarahj@prattcc.edu	Y	Y

			Roy Clark royc@prattcc.edu		
Seward County CC/ATS	MA1173 – College Algebra	3	Luke Dowell Luke.dowell@sccc.edu	Y	Y
FHTC			Paul Cassity	N	
Manhattan Tech	MAT135 – College Algebra	3	Brian Koch briankoch@manhattantech.edu	Y	Y
NCK Tech	MA111 – College Algebra	3	Amber Cox acox@ncktc.edu	N	
NWKTC				N	
SATC	MAT150 – College Algebra	3	James Knapp James.knapp@salinatech.edu	Y	Y
WATC	MTH112 – College Algebra	3	Shelby Jansen sjansen@watc.edu	Y	Y
ESU	MA110 – College Algebra	3	Brian Hollenback bhollenb@emporia.edu	Y	Y
FHSU	MATH110 – College Algebra	3	Keith Dreiling kdreilin@fhsu.edu	Y	Y
KSU	MATH100 – College Algebra	3	John Maginnis maginnis@ksu.edu	Y	Y
KU	MATH101 – College Algebra	3	Margaret Bayer bayer@ku.edu	Y	Y
PSU	MATH113 – College Algebra MATH111 – College Algebra with Review	3	Tim Flood tflood@pittstate.edu	Y	Y
WSU	MATH111 – College Algebra	3	Paul Scheuerman Paul.scheuerman@wichita.edu	Y	Y
Washburn	MA116 – College Algebra	3	Kevin Charlwood Kevin.charlwood@washburn.edu	Y	Y
			TOTALS	P-28 A-4	Y-28

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

Core Student Learning Outcomes: *4-6 specific, measurable learning outcomes expected of every student that completes the course. Only student outcomes are included in this report.*
Students will be expected to use appropriate technology as one tool to achieve the following outcomes:

Analysis and Graphing of Functions and Equations

- Use functional notation.
- Recognize and distinguish between functions and relations (equations).
- Use concepts of symmetry, intercepts, left- and right-hand behavior, asymptotes, and transformations to sketch the graph of various types of functions (constant, linear, quadratic, absolute value, piecewise-defined, square root, cubic, polynomial, rational, exponential, and logarithmic) or relations (circle) given in description.
- Determine the domain and range of a function.
- Write the equation that describes a function (for types given above) or circle given its description.
- Use graphs of functions for analysis.
- Find arithmetic combinations and composites of functions.
- Find the inverse of a function.

Solutions of Equations and Inequalities

- Solve equations listed in the third bullet above, i.e., literal equations, quadratic equations by factoring and the quadratic formula, equations involving rational expressions, equations involving radicals, and equations involving absolute value expressions, along with equations involving exponential or logarithmic functions.
- Solve inequalities of the following types: linear (in one and two variables), polynomial, rational, absolute value.
- Solve systems of inequalities by graphing.
- Apply equations from the first bullet in this core outcome to real-world situations, including but not limited to depreciation, growth and decay, and max/min problems.
- Examine and analyze data, make predictions/interpretations, and do basic modeling.
- Solve systems of equations by various methods, including matrices.

Next Recommended Course for Articulation: Calculus I

Chair for Next Meeting: Paul Walcher, Neosho County CC

Next Meeting Date (year): 2017 (e-mail)

TAAC ACTION: Approved the revised outcomes for MAT 1010 - College Algebra on October 26, 2016.

September 23, 2016
Discipline: Math
Kansas Regents System Number (KRSN) and Title: MAT 1040 –Contemporary/ Essential Math
Chair/Facilitator(s): Paul Walcher, Neosho County CC
Transfer and Articulation Council Liaison: Jon Marshall, Allen CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	MAT130 – Essential Mathematics	3	Doug Joseph djoseph@allencc.edu Karen McKarnin mckarnin@allencc.edu	Y	Y
Barton County CC	Not offered		Ange Sullivan sullivana@bartonccc.edu	Y	Y
Butler CC	Not offered		Larry Friesen lfriesen@butlercc.edu Bonnie Ernst bernst@butlercc.edu	Y	Y
Cloud County CC	Not offered		Chris Preston cpreston@cloud.edu Mark Whisler mwhisler@cloud.edu	Y	Y
Coffeyville CC	Not offered		Kendall Payne kendallp@coffeyville.du	Y	Y
Colby CC	Not offered		John Olson John.olson@colbycc.edu	Y	Y
Cowley CC	MTH4419 – Contemporary Math	3	Uwe Conrad Uwe.conrad@cowley.edu Brooke Istas Brooke.istas@cowley.edu Heather Kelly Heather.kelly@cowley.edu	Y	Y
Dodge City CC	Not offered			N	
Fort Scott CC	Not offered		DeeAnn Vanluyck deeannv@fortscott.edu	Y	Y
Garden City CC	Not offered		Phil Terpstra Phillip.terpstra@gcccks.edu	N	
Highland CC	MAT108 – Topics in Contemporary Mathematics	3	Carol White cwhite@highlandcc.edu	Y	Y
Hutchinson CC	Not Offered		David Bosworth bosworthd@hutchcc.edu	Y	Y
Independence CC	Not offered		Brian Southworth bsouthworth@indycc.edu	Y	Y
JCCC	MATH165 – Finite Mathematics	3	Steve Wilson swilson@jccc.edu Cathleen O'Neil coneil@jccc.edu Chris Imm cimm@jccc.edu Beth Edmonds Brett Cooper	Y	Y
KCKCC	Not Offered		Enis Alpakin alpakin@kckcc.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
			Rochelle Beatty rbeatty@kckcc.edu		
Labette CC	Not offered		Alan Pommier alanp@labette.edu	N	
Neosho County CC	MATH133 – Quantitative Reasoning	3	Rita Drybread rdrybread@neosho.edu Paul Walcher pwalcher@neosho.edu	Y	Y
Pratt CC	MTH176-College Mathematics	3	Roy Clark royc@prattcc.edu	N	
Seward County CC	Not offered		Luke Dowell Luke.dowell@sccc.edu	Y	Y
FHTC	Not offered		Paul Cassity pcassity@fhtc.edu	Y	Y
Manhattan Tech	Not offered			N	
NCK Tech	Not offered		Aimee Overmiller aovermiller@ncktc.edu Amber Cox acox@ncktc.edu	Y	Y
NWKTC	Not offered			N	
SATC	Not offered		James Knapp James.knapp@salinatech.edu	Y	Y
WATC	Not offered		Shelby Jansen sjansen@watc.edu Pam Layman playman@watc.edu	Y	Y
ESU	MA156 – Principles of Mathematics	3	Brian Hollenback bhollenb@emporia.edu Marvin Harrell mharrell@emporia.edu	Y	Y
FHSU	MATH101 – Liberal Arts Mathematics	3	Keith Dreiling kdreilin@fhsu.edu	Y	Y
KSU	Not offered		John Maginnis maginnis@ksu.edu	Y	N
KU	Not offered		Marge Bayer bayer@ku.edu	Y	N
PSU	MATH133 – Quantitative Reasoning	3	Tim Flood tflood@pittstate.edu	Y	Y
WSU	MATH131 – Contemporary Mathematics	3	Paul Scheuerman Paul.scheuerman@wichita.edu	Y	Y
Washburn	MA112 – Essential Mathematics	3	Kevin Charlwood Kevin.charlwood@washburn.edu	Y	Y
			TOTALS	P-26 A-6	Y-24 N-2

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

Core 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. Apply critical and logical thinking skills to various applications
2. Apply estimation and an understanding of numbers to various applications
3. Apply generalizations, principles, theories, or rules to the real world
4. Use statistics for decision making
5. Demonstrate basic concepts of probability and risk
6. Apply mathematical tools to financial applications
7. Apply mathematics to the study of social issues
8. Apply mathematics to applications across many different disciplines

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?
Calculus I is up for review next year so we intend to revisit that through e-mail but do not intend to meet next year.

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Paul Walcher, Neosho County CC

TAAC ACTION: Approved the outcomes for MAT 1040 – Contemporary/Essential Math and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

September 23, 2016
Discipline: Math
Kansas Regents System Number (KRSN) and Title: MAT 1050 - General/Business/Applied Calculus
Chair/Facilitator(s): Paul Walcher, Neosho County CC
Transfer and Articulation Council Liaison: Jon Marshall, Allen CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	Not offered		Doug Joseph djoseph@allencc.edu Karen McKarnin mckarnin@allencc.edu	Y	Y
Barton County CC	MATH1831 – Business Calculus	5	Ange Sullivan sullivana@bartonccc.edu	Y	Y
Butler CC	MA148 – Calculus w/ Applications	3	Larry Friesen lfriesen@butlercc.edu Bonnie Ernst bernst@butlercc.edu	Y	Y
Cloud County CC	MA115 – Linear Algebra and General Calculus	3	Chris Preston cpreston@cloud.edu Mark Whisler mwhisler@cloud.edu	Y	Y
Coffeyville CC	Not offered		Kendall Payne kendallp@coffeyville.du	Y	Y
Colby CC	MA210 – Calculus for Business and Liberal Arts	3	John Olson John.olson@colbycc.edu	Y	Y
Cowley CC	MTH4432 – Calculus for Business & Economics	3	Uwe Conrad Uwe.conrad@cowley.edu Brooke Istas Brooke.istas@cowley.edu Heather Kelly Heather.kelly@cowley.edu	Y	Y
Dodge City CC	Math130 – Principles of Calculus	4		N	
Fort Scott CC	Not offered		DeeAnn Vanluyck deeannv@fortscott.edu	Y	N
Garden City CC	MATH121 – Fundamentals of Calculus	3	Phil Terpstra Phillip.terpstra@gcccks.edu	N	
Highland CC	MAT107 – General Calculus and Linear Algebra	3	Carol White cwhite@highlandcc.edu	Y	Y
Hutchinson CC	MA110 – Calculus	3	David Bosworth bosworthd@hutchcc.edu	Y	Y
Independence CC	MAT 1153: Introduction to Analytic Processes	3	Brian Southworth bsouthworth@indycc.edu	Y	Y
JCCC	MATH231 – Business and Applied Calculus I	3	Steve Wilson swilson@jccc.edu Cathleen O'Neil coneil@jccc.edu Chris Imm cimm@jccc.edu Beth Edmonds Brett Cooper	Y	Y
KCKCC	MATH0120 & MATH 0121 Non-Engineering Calculus I & II	6	Enis Alpakin alpakin@kckcc.edu Rochelle Beatty rbeatty@kckcc.edu	Y	Y
Labette CC	Not Offered		Alan Pommier	N	

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
			alanp@labette.edu		
Neosho County CC	Not Offered		Rita Drybread rdrybread@neosho.edu Paul Walcher pwalcher@neosho.edu	Y	Y
Pratt CC	MTH187 – Calculus Methods	4	Roy Clark royc@prattcc.edu	N	
Seward County CC	MA2304 – Business Calculus	4	Luke Dowell Luke.dowell@sccc.edu	Y	Y
FHTC	Not Offered		Paul Cassity pcassity@fhtc.edu	N	
Manhattan Tech	Not Offered			N	
NCK Tech	Not Offered		Amy Overmiller aovermiller@ncktc.edu Amber Cox acox@ncktc.edu	N	
NWKTC				N	
SATC	Not Offered		James Knapp James.knapp@salinatech.edu	Y	N
WATC	Not Offered		Shelby Jansen sjansen@watc.edu Pam Layman playman@watc.edu	N	N
ESU	MA165 – Basic Calculus	5	Brian Hollenback bhollenb@emporia.edu Marvin Harrell mharrell@emporia.edu	Y	Y
FHSU	MATH331 – Calculus Methods	3	Keith Dreiling kdreilin@fhsu.edu	Y	Y
KSU	Not offered		John Maginnis maginnis@ksu.edu	Y	N
KU	MATH115 – Calculus I	3	Marge Bayer bayer@ku.edu	Y	Y
PSU	Not Offered		Tim Flood tflood@pittstate.edu	Y	Y
WSU	MATH144 – Business Calculus	3	Paul Scheuerman Paul.scheuerman@wichita.edu	Y	Y
Washburn	MA141 – Applied Calculus	3	Kevin Charlwood Kevin.charlwood@washburn.edu	Y	Y
			TOTALS	P-24 A-8	Y-20 N-4

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

Core 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. Evaluate limits of functions.
2. Use limits to determine continuity of a function at a point.
3. Determine differentiability of a function at a point.
4. Differentiate algebraic, exponential, and logarithmic functions.
5. Interpret derivatives as the slopes of tangent lines, instantaneous rates of change, and marginals.
6. Use derivatives to describe the behavior of a function.
7. Apply derivatives to problems in economics, business, and the physical, social, and life sciences.
8. Antidifferentiate algebraic and exponential functions.
9. Evaluate definite integrals.
10. Apply antiderivatives to problems in economics, business, and the physical, social, and life sciences.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?
Calculus I is up for review next year so we intend to revisit that through e-mail but do not intend to meet next year.

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Paul Walcher, Neosho County CC

TAAC ACTION: Approved the outcomes for MAT 1050 – General/Business/Applied Calculus and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.

September 23, 2016
Discipline: Psychology
Kansas Regents System Number (KRSN) and Title: PSY2020 – Human Lifespan/Developmental Psychology
Chair/Facilitator(s): Don Saucier, KSU
Transfer and Articulation Council Liaison: Louise Benjamin, KSU and Eric Ketchum, Highland CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	PSY263 – Developmental Psychology	3	Ann Lindbloom alindbloom@allencc.edu	Y	Y
Barton County CC	PSYC1014 – Developmental psychology	3	Randy Allen allenr@bartonccc.edu	Y	Y
Butler CC	BS260 – Developmental Psychology	3	Cheree Anthony-Encapera santhony@butlercc.edu	Y	Y
Cloud County CC	SS105 – Human Growth and Development	3	Beth Whisler bwhisler@cloud.edu	Y	Y
Coffeyville CC	PSYC102 – Developmental Psychology	3	Tamika Harrel Harrel.tamika@coffeyville.edu	Y	Y
Colby CC			Krista Carter Krista.carter@colbycc.edu	N	
Cowley CC	PSY6712 – Developmental Psychology	3	Dr. Loretta Klamik Loretta.klamik@cowley.edu	Y	Y
Dodge City CC	PSY102 – Human Growth and Development PSY202 – Developmental Psychology	3 3	Mark Whiteley whiteley@dc3.edu	Y	Y
Fort Scott CC	PSY1023 – Developmental Psychology	3	Sonia Gugnani soniag@fortscott.edu	N	
Garden City CC	EDUC110 Developmental Psychology	3	Winsom Lamb Winsome.lamb@gcccks.edu	Y	Y
Highland CC	PSY205 – Human Growth and Development	3	Serena Huerter Huerter.serena@highlandcc.edu	N	
Hutchinson CC	PS102 – Human Growth and Development	3	Ellen Blair blaire@hutchcc.edu	Y	Y
Independence CC	BEH2003 – Developmental Psychology	3	Brett Gilcrist bgilcrist@indycc.edu	Y	Y
JCCC	PSYC218 – Development	3	Pete Peterson ppeterson@jccc.edu	Y	Y
KCKCC	PSYC0203 – Human Development	3	Dr. Antonio Cutolo-Ring antonio@kckcc.edu	Y	Y
Labette CC	PSYC201 – Developmental Psychology	3	Jolene Klumpp Jolenek@labette.edu	Y	Y
Neosho County CC	PSYC263 – Developmental Psychology		Larry Anderson leanderson@neosho.edu	Y	Y
Pratt CC	PSY132 – Developmental Psychology	3	David Cramer davidc@prattcc.edu Joyce Frey Joycef@prattcc.edu	N	
Seward County CC	BH2303 – Developmental Psychology	3	Kathryn Redd Katy.redd@sccc.edu	Y	Y
FHTC	HHS101 – Growth and Development	3	Patricia Parks pparks@fhtc.edu	Y	Y
Manhattan Tech	PSY125 – Human Growth and Development	3	Sarah Hamilton Sarahhamilton@manhattantech.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
NCK Tech	SS105 – Human Growth and Development	3	Rene Meyers rmeyers@ncktc.edu	Y	Y
NWKTC				N	
SATC	PSY105 – Human Development	3	Stephani Johns-Hines stephani.johnshines@salinatech.edu	Y	Y
WATC	PSY120 – Developmental Psychology	3	Yolonda Mowrey ymowrey@watc.edu	Y	Y
ESU	PY211 – Developmental Psychology	3	Brian Schrader bschrade@emporia.edu	Y	Y
FHSU	TEEL231 – Human Growth and Development	3	Jennifer Bonds-Raacke jmbondsraacke@fhsu.edu	Y	Y
KSU	PSYCH280 – Psychology of Childhood and Adolescence	3	Don Saucier saucier@ksu.edu	Y	Y
KU	Not Offered			N	
PSU	PSYCH263 – Developmental Psychology	3	Bruce Warner cwarner@pittstate.edu Shawnee Hendershot Shendershot @pittstate.edu	Y	Y
WSU	PSY325 – Developmental Psychology		Rhonda Lewis Rhonda.lewis@wichita.edu	Y	Y
Washburn	PY209- The Life Span	3	Cindy Turk Cindy.turk@washburn.edu		
			TOTALS	P-25 A-6	Y-25

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

Core 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. Distinguish among developmental theories.
2. Identify research methods in development.
3. Describe social and emotional development throughout the lifespan.
4. Explain cognitive development throughout the lifespan.
5. Identify physical development throughout the lifespan.
6. Summarize neurological development throughout the lifespan.
7. Describe the processes of death and dying.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?

The group recommends that Drugs and Behavior be considered in a future meeting for possible system wide transfer if the course is currently taught by enough institutions to warrant its consideration.

Who is the elected Faculty Chair for the next review meeting on or before 2022? Donald Saucier, Kansas State University, was elected to chair the next review meeting.

TAAC Action: Approved the revised outcomes for PSY2020 – Human Lifespan/Developmental Psychology on October 26, 2016.

September 23, 2016
Discipline: Psychology
Kansas Regents System Number (KRSN) and Title: PSY1010 – Introduction to Psychology
Chair/Facilitator(s): Don Saucier, KSU
Transfer and Articulation Council Liaison: Louise Benjamin, KSU and Eric Ketchum, Highland CC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	PSY101 – General Psychology	3		N	
Barton County CC	PSYC1000 – General Psychology	3	Randy Allen allenr@bartonccc.edu	Y	Y
Butler CC	BS160 – General Psychology	3	Nathan Swink nswink@butlercc.edu	Y	Y
Cloud County CC	SS1010 – General Psychology	3	Beth Whisler bwhisler@cloud.ed	Y	Y
Coffeyville CC	PSYC1010 – General Psychology	3	Mike Arpin mikea@coffeyville.edu	Y	Y
Colby CC			Ryan Hale Ryan.hale@colbycc.edu	N	
Cowley CC	PSY6711 – General Psychology	3	Dr. Loretta Klamik Loretta.klamik@cowley.edu	Y	Y
Dodge City CC	PSY101 – General Psychology	3	Mark Whiteley mwhiteley@dc3.edu	Y	Y
Fort Scott CC	PSY1013 – General Psychology	3	Deborah Allen deboraha@fortscott.edu	N	
Garden City CC	PSYC101 General Psychology	3	Tammy Hutcheson Tammy.hutcheson@gcccks.edu	Y	Y
Highland CC	PSY101 – General Psychology	3		N	
Hutchinson CC	PS100 – General Psychology	3	Dr. Brian Nuest nuestb@hutchcc.edu	Y	Y
Independence CC	BEH1003 – General Psychology	3	Brett Gilcrist bgilcrist@indycc.edu	Y	Y
JCCC	PSYC130 – Psychology	3	Pete Peterson ppeterson@jccc.edu	Y	Y
KCKCC	PSYC0101 – Psychology	3	Dr. Antonio Cutolo-Ring antonio@kckcc.edu	Y	Y
Labette CC	PSYC101 – General Psychology	3	Dr. JoLene Klumpp jolenek@labette.edu	Y	Y
Neosho County CC	PSYC155 – General Psychology		Larry Anderson landerson@neosho.edu	Y	Y
Pratt CC	PSY176 – General Psychology	3	David Cramer davidc@prattcc.edu Joyce Frey joycef@prattcc.edu	N	
Seward County CC	BH1303 – General Psychology	3	Kathryn Redd Katy.redd@sccc.edu	Y	Y
FHTC			Pete Leyva Pete.leyva@usd253.net	Y	Y
Manhattan Tech	PSY100 – General Psychology	3	Sara Fisher sarafisher@manhattantech.edu	Y	Y
NCK Tech	SS100 – General Psychology	3	Jacee Tice jtice@ncktc.edu	Y	Y
NWKTC				N	

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
SATC	PSY101 – General Psychology	3	Stephani Johns-Himes Stephani.johnshines@salinatech.edu	Y	Y
WATC	PSY101 – General Psychology	3	Yolonda Mowrey ymowrey@watc.edu	Y	Y
ESU	PY100 – Introductory Psychology	3	Brian Schrader bschrade@emporia.edu	Y	Y
FHSU	PSY100 – General Psychology	3	Carol Patrick clpatrick@fhsu.edu	Y	Y
KSU	PSYCH110 – General Psychology	3	Don Saucier saucier@ksu.edu	Y	Y
KU	PSYC104 – General Psychology	3	Michael Vitevitch mvitevit@ku.edu	Y	Y
PSU	PSYCH155 – General Psychology	3	Bruce Warner cwarner@pittstate.edu	Y	Y
WSU	PSY111 – General Psychology	3	Rhonda Lewis Rhonda.lewis@wichita.edu	Y	Y
Washburn	PY100 – Basic Concepts in Psychology	3	Cindy Turk Cindy.turk@washburn.edu	N	
			TOTALS	P-25 A-7	Y-25

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

Core 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 historical foundations and current trends in psychology.
2. Distinguish methods of research in psychology.
3. Identify the biological basis of behavior including physiology of the brain.
4. Distinguish principles and theories of learning and cognition.
5. Recognize theories and applications of motivation and emotion.
6. Demonstrate an understanding of human life span development.
7. Identify the major theories of personality.
8. Recognize categories of psychological disorders and treatments.
9. Recognize the major theories and findings in social psychology.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?

The group recommends that Drugs and Behavior be considered in a future meeting for possible system wide transfer if the course is currently taught by enough institutions to warrant its consideration.

Who is the elected Faculty Chair for the next review meeting on or before 2022? Donald Saucier, Kansas State University, was elected to chair the next review meeting.

TAAC Action: Approved the revised outcomes for PSY1010 – Introduction to Psychology on October 26, 2016.

September 23, 2016
Discipline: Women's Studies
Kansas Regents System Number (KRSN) and Title: GCS 1010 - Introduction to Women's Studies
Chair/Facilitator(s): Kelly Erby, Washburn
Transfer and Articulation Council Liaison: Linnea Glenmaye, WSU and Jim Hawley, SATC
Equivalent Courses from Kansas Public Institutions for which Core Outcomes apply and Faculty Representatives:

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
Allen CC	WGS200 – Introduction to Women's Studies	3	Amy Pietan pietan@allencc.edu	Y	Y
Barton County CC	Not Offered			N	
Butler CC	BS107 – Women & Society	3	Marie Carroll acarrol1@butlercc.edu	Y	Y
Cloud County CC	SS108 – Women in American Society	3		N	
Coffeyville CC	Not Offered			N	
Colby CC	SO135 – Women's Studies: A Transnational View	3		N	
Cowley CC	MIN6440 – Women and Health Issues	3	Dr. Loretta Klamik Loretta.klamik@cowley.edu	Y	Y
Dodge City CC	Not Offered			N	
Fort Scott CC	Not Offered			N	
Garden City CC	Not Offered			N	
Highland CC	Not Offered			N	
Hutchinson CC	Not Offered			N	
Independence CC	Not Offered			N	
JCCC	WGS201 – Global Women's Studies	3	Toby Klinger tklinger@jccc.edu	Y	Y
KCKCC	HYMN0150 – Introduction to Women's Studies	3	Polly Hawk phawk@kckcc.edu	Y	Y
Labette CC	Not Offered			N	
Neosho County CC	Not Offered		Mark Edridge meldridge@neosho.edu	N	
Pratt CC	Not Offered			N	
Seward County CC	Not Offered			N	
FHTC				N	
Manhattan Tech	Not Offered			N	
NCK Tech	Not Offered			N	
NWKTC				N	
SATC	Not Offered			N	
WATC	Not Offered		Valli Basrer vbasrar@watc.edu	N	
ESU	ID400 – Topics in Interdisciplinary Studies: Introduction to Women's Studies	3	Mallory Koci mbishop@emporia.edu	Y	Y
FHSU	SOC310 – Introduction to Women's and Gender Studies	3	Kate McGonigal kmcgonig@fhsu.edu	Y	Y
KSU	WOMST105- Introduction to Gender, Women, and Sexuality	3	Angela Hubler ahubler@ksu.edu	Y	Y
KU	WGSS101 – Introduction to Women, Gender, and Sexuality Studies	3	Katie Batza batza@ku.edu	Y	Y

Institution	Course Number and Title	Credit Hours	Institution Appointed Voting Faculty Member	Present Y or N	Vote Y or N
PSU	WGS200 – Introduction to Women's Studies	3	Laura Washburn lwashburn@pittstate.edu	Y	Y
WSU	WOMS287 – Women in Society: Social Issues	3	Chinyere Okafor Chinyere.okafor@wichita.edu	Y	Y
Washburn	WG175 – Introduction to Women's Studies	3	Kelly Erby Kelly.erby@washburn.edu	Y	Y
			TOTALS	P-12 A-20	Y-12

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

Core 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. Critically analyze the ways gender intersects with race, ethnicity, sexuality, class and other power hierarchies at local, national and global levels.
2. Assess the roles biology and social construction play in shaping gender and sexuality.
3. Identify sources of oppression and effective activism to generate change.
4. Apply an interdisciplinary approach and key concepts to analyze gender in critical discussion and writing.
5. Reflect on personal experience considering the diversity of women's lives and draw connections between the personal and the political.

Does the group have any recommendations of lower level general education courses or introductory courses in majors to be considered for System Wide Transfer (SWT)?

The group suggested enough institutions may offer a theory or methodologies course to make it worthwhile to consider it for SWT.

Who is the elected Faculty Chair for the next review meeting on or before 2022?
Angela Hubler (K-State) or Katie Batza (KU) indicated a willingness to chair.

TAAC ACTION: Approved the outcomes for GSC 1010 Introduction to Women's Studies and recommended the course to the Kansas Board of Regents for system wide transfer on October 26, 2016.