MEMORANDUM OF AGREEMENT

Health Science Career Cluster

(Medical Coding Certificate, Medical Assistant AAS and/or Certificate, Medical Administrative Technology AAS and Athletic Training AS)

THIS ARTICULATION AGREEMENT is between any Kansas high school student who has successfully completed a state approved ***Health Science*** Career Cluster and the ***Health Science*** (51.9999) Pathway and ***Barton Community College,*** Great Bend, Kansas. It will provide students with a smooth transition from high school to a postsecondary certificate/degree in Medical Coding Certificate, Medical Assistant AAS and/or Certificate, Medical Administrative Technology AAS or Athletic Training AS.

The intent of this cooperative effort is to provide the students with a non-duplicative program of study leading to enhanced employment opportunities.

NOW, THEREFORE, it is agreed by and between the parties as follows:

1. To more clearly delineate the level of involvement Kansas secondary students have in CTE and to document technical skill attainment by students, three statewide categories have been created: Participants, Concentrators and Completers. This agreement pertains to those students who have reached Completer status, as follows:

   Completer – A student earning at least 3.0 credits of CTE courses in the same state-approved Pathway + earning an industry-recognized, comprehensive certification or passing a third-party, end-of-Pathway assessment; schools will report completers each year in the Pathways Authenticated Application (Perkins Accountability); schools will report industry recognized certificated and third-party, end of Pathway assessments each year in the KCAN Authenticated Application; NOTE: the 3.0 credits must include at least 2.0 credits that are a combination of technical and application level courses; NOTE: Technical skill measures for completers can be comprehensive, industry recognized certification OR third-party, comprehensive, end-of-pathway assessment.

2. Barton Community College will provide the courses listed on the attached program of Study/Course Sequence form

3. The Medical Coding Certificate, Medical Assistant AAS and/or Certificate, Medical Administrative Technology AAS or Athletic Training AS may be granted through the Barton Community College joint agreement. The awarding of such a certificate/degree is contingent upon the graduating high school's continuance of their KSDE approved Career Cluster Pathway.

4. Successful completion of the following ***Health Science*** Career Cluster Pathway course(s) will result in the student being awarded college credit for the following equivalent course(s):

High School Courses	KS Course Code	College Courses	College Credit
For All Majors Listed Above: Successful completion of: Health Science I A **OR** Health Science IB **IN ADDITION TO** Health Science II **OR** Human Body Systems **OR** Anatomy & Physiology **AND** Medical Terminology	 14000 **OR** 14001 14002 **OR** 14102 **OR** 03053 **AND** 36154	MDAS 1672 Medical Terminology	3 hours
In Addition: for Medical Assistant Certificate			
Successful completion of: Health Science I A **OR** Health Science IB **IN ADDITION TO** Health Science II **OR** Human Body Systems **OR** Anatomy & Physiology **AND** Spec Health Science Topics A **OR** B (with emphasis study in Phlebotomy) **OR** Phlebotomy Technician (must have 40 classroom hours + 10VP Sticks and 5 CAP sticks)	 14000 **OR** 14001 14002 **OR** 14102 **OR** 03053 **AND** 14254 or 36254 **OR** 14104	MLTC 1503 Principles of Phlebotomy	3 hours
In Addition: for Athletic Training			
Successful completion of: Health Science I A **OR** Health Science IB **IN ADDITION TO** Health Science II **OR** Human Body Systems **OR** Anatomy & Physiology **AND** Sports Medicine I or Care of Athletes **AND** Sports Medicine II	 14000 **OR** 14001 14002 **OR** 14102 **OR** 03053 **AND** 14072 or 14062 **AND** 14073	PHED 1253 Care & Prevention of Athletic Injuries	3 hours

5. Postsecondary Credit will be considered Advanced Placement Credit, and will be awarded upon student submission to the college of the student's high school transcript.

6. Details regarding credit awards and fees are outlined below:
    a. College credit will only be awarded for a grade of "C" or better.
    b. No fee will be assessed for the college credit awarded.
    c. Student must declare one of the following as their major area of interest: Medical Coding, Medical Assistant, Medical Administrative Technology or Athletic Training.
    d. College credits will be available for award after the student has successfully completed the next course in the sequence – depending on their major area of study according to the following chart:

Major Area	Sequence Course To Complete
Medical Coding	LIFE 1408 Anatomy & Physiology OR LIFE 1407 Anatomy & Physiology I OR LIFE 1409 Anatomy & Physiology II
Medical Assistant (Cert & Degree)	LIFE 1408 Anatomy & Physiology OR LIFE 1407 Anatomy & Physiology I OR LIFE 1409 Anatomy & Physiology II
Medical Administrative Technology	LIFE 1411 Anatomy & Physiology for Pre-Hospital Provider
Athletic Training	PHED 1308 Intro to Athletic Training

7. To receive a Certificate or Associate of Applied Science Degree (AAS), students must complete a minimum number of hours of coursework as listed below. Students must have a cumulative grade point average (GPA) of 2.0 or better to be eligible for a Certificate or AAS Degree from Barton Community College.

Major Area	Hours to Complete Certificate/Degree
Medical Coding	44
Medical Assistant	Certificate-43 Degree-64
Medical Administrative Technology	64
Athletic Training	64

8. The college and any high schools offering the approved Career Cluster Pathway may advertise the programs and will jointly advise the students that this option is available to them.

9. This agreement may be revised/modified as needed, or in the event of cancellation, discontinuance or disapproval of any course or program by the Kansas State Department of Education or the Kansas Board of Regents.

10. The college agrees to evaluate this program on an annual basis and in the context of student benefits, program efficiency, and effectiveness.

11. This agreement shall begin August 1, 2018.

12. This agreement is subject to change or cancellation by the Legislature at any time in accordance with Article 6, Section 5 of the Kansas Constitution.

IN WITNESS WHEREOF, the parties accept and approve THIS AGREEMENT.

KSDE Representative — Date: 4-18-18

Carl R. Heilman,
Barton Community College President — Date: 4/5/18

CLUSTER: Business Management/Administration OR Marketing OR Finance

PATHWAY: Business Entrepreneurship/Management OR Marketing OR Business Finance OR Health

BARTON PROGRAM: Medical Administrative Technology

(Name of) High School
USD (USD #)

	GRADE	ENGLISH and COMMUNICATIONS	MATH	SCIENCE	SOCIAL STUDIES	Required Career and Technical Courses	RECOMMENDED ELECTIVE COURSES
SECONDARY							
POSTSECONDARY	Year 1 1st Semester	Business English OR English Composition I	Public Speaking OR Interpersonal Comm			Medical Terminology Records Management Computer Concepts & Applications	
	Year 1 2nd Semester	Technical Communications OR English Composition II		Anatomy & Physiology for the Pre-Hospital Provider		General Accounting OR Accounting I Keyboarding II Word Processing Applications	Keyboarding I Introduction to Computers Business Law Payroll Procedures Human Resource Management Microcomputer Accounting Appl Accounting II Introduction to Business
	Year 2 1st Semester		Business Mathematics OR Technical Math		Personal Finance	Business Communications Medical Coding I Business Ethics Ten Key Mastery	Dataase Management Systems Supervisory Development Human Relations in Business Spanish for the Workforce Legal/Ethical Issues in Healthcare Medical Professional Issues Medical Coding II Medical Coding III
	Year 2 2nd Semester					Healthcare Documentation/Transcription II Customer Service Spreadsheet Applications Medical Administrative Aspects	Choose 4 hours from Major Elective List (above)

BARTON COMMUNITY COLLEGE

Updated: 08-2016

Required Courses

Recommended Elective Courses

Career and Technical Education Courses

Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)

(◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)

CLUSTER: Health

PATHWAY: Health

BARTON PROGRAM: Athletic Training

(Name of) High School
USD (USD #)

	GRADE	ENGLISH and COMMUNICATIONS	MATH	SCIENCE	SOCIAL STUDIES	Required Career and Technical Courses	RECOMMENDED ELECTIVE COURSES
SECONDARY							
POSTSECONDARY	Year 1 1st Semester	Public Speaking OR Interpersonal Communications	College Algebra	Natural Science and Mathmetics (5 hours)		Introduction to Athletic Training	Intro to Health, Physical Ed and Rec Intro to Exercise Science Basic Nutrition Care and Prevention of Athletic Injuries Additional hours of humanities, social & Behavioral Science or Natural Science/Mathematics (total of 16 hours of electives required)
	Year 1 2nd Semester	English Composition I		Natural Science and Mathmetics (5 hours)		First Aid and Emergency Care	
	Year 2 1st Semester	English Composition II			Humanaties (3 hours) AND Social and Behavioral Science (3 hours)	Personal and Community Health	
	Year 2 2nd Semester			Computer Concepts and Applications	Humanaties (3 hours) AND Social and Behavioral Science (3 hours)		

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(◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)

CLUSTER: Health
PATHWAY: Health
BARTON PROGRAM: Medical Coding

(Name of) High School
USD (USD #)

	GRADE	ENGLISH and COMMUNICATIONS	MATH	SCIENCE	SOCIAL STUDIES	Required Career and Technical Courses	RECOMMENDED ELECTIVE COURSES
SECONDARY							
POSTSECONDARY	Year 1 1st Semester	Business English		Anatomy & Physiology (5 hrs) OR Anatomy & Physiology (4 hours) AND Anatomy & Physiology II (4 hrs)		Medical Terminology Computer Concepts & Applications	
	Year 1 2nd Semester					Basic Pharmacology Medical Coding I Keyboarding II Ten Key Mastery Pathophysiology	
	Year 2 1st Semester					Medical Administrative Aspects Medical Coding II Medical Coding III Legal/Ethical Issues in Healthcare Medical Coding Internshp	
	Year 2 2nd Semester						

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Updated: 08-2016

Required Courses
Recommended Elective Courses
Career and Technical Education Courses
Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)
(◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)

CLUSTER: Health

PATHWAY: Health

BARTON PROGRAM: Medical Assistant

(Name of) High School
USD (USD #)

	GRADE	ENGLISH and COMMUNICATIONS	MATH	SCIENCE	SOCIAL STUDIES	Required Career and Technical Courses	RECOMMENDED ELECTIVE COURSES
SECONDARY							
POSTSECONDARY	Year 1 1st Semester	Business English OR English Comp I AND Interpersonal Communications	Tech Math OR Math for PreHospital Provider		General Psychology	Computer Concepts and Applications Medical Terminology	Word Processing Applications Keyboarding In Key Mastery Nutrition Therapy
	Year 1 2nd Semester			Anatomy & Physiology (5 hrs) OR Anatomy & Physiology (4 hours) AND Anatomy & Physiology II (4 hrs)	Dev Psychology	Medical Administrative Aspects Patient Care I	
	Year 2 1st Semester					Records Management Basic Pharmacology Principals of Phlebotomy Medical Coding I Patient Care II	
	Year 2 2nd Semester					Medical Assistant Internship Emergency Preparedness Medical Administration Medical Professional Issues Basic Medical Lab Techniques Cardiopulmonary Resuscitation	2 hours of electives from above list

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Updated: 08-2016

Required Courses

Recommended Elective Courses

Career and Technical Education Courses

Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2)

(◆=High School to Com. College) (●=Com. College to 4-Yr Institution) (■=Opportunity to test out)