MEMORANDUM OF AGREEMENT

Welding Certificate

THIS ARTICULATION AGREEMENT is between any Kansas high school student who has successfully completed a state approved ***Manufacturing*** Career Cluster and the ***Manufacturing*** (48.0000) Pathway and ***Barton Community College,*** Great Bend, Kansas. It will provide students with a smooth transition from high school to a postsecondary certificate in Welding training. 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 *Certificate of Welding studies* may be granted through the Barton Community College joint agreement. The awarding of such a certificate is contingent upon the graduating high school's continuance of their KSDE approved Career Cluster Pathway.

4. Successful completion of the following ***Manufacturing*** 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
Successful completion of: Introduction to Industrial Technology **OR** Production Blueprint Reading **OR** Introduction to Welding IN ADDITION TO Welding Processes I **AND** Welding Processes II	38001 **OR** 21108 **OR** 13207 39207/18404 **AND** 39208/18407	WELD 1350 Shielded Metal Arc Welding	3

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 Welding as their major area of interest.

7. College credits will be available for award after the student has successfully completed the next course in the sequence – WELD 1351 Gas Metal Arc Welding OR WELD 1352 Cutting Processes OR WELD 1349 Gas Tungsten Arc Welding.

8. To receive Welding Certificate, students must complete a minimum of 16 hours of coursework. Students must have a cumulative grade point average (GPA) of 2.0 or better to be eligible for a certificate from Barton Community College.

9. 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.

10. 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.

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

CLUSTER: Manufacturing

PATHWAY: Manufacturing

BARTON PROGRAM: Welding

(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					Blueprint Reading Shielded Metal Arc Welding Gas Metal Arc Welding	
	Year 1 2nd Semester					Gas Tungsten Arc Welding Cutting Processes Safety	Welding I
	Year 2 1st Semester						
	Year 2 2nd Semester						

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)

12. This agreement shall begin November 15, 2021.

13. 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
Carl R. Heilman, Barton Community College President	Date