MEMORANDUM OF AGREEMENT

THIS ARTICULATION AGREEMENT, by and between any Kansas high school student who has successfully completed a state approved **Manufacturing** Career Cluster and the **Manufacturing** Pathway and **Butler Community College**. This agreement is made in order to provide high school students with a smooth transition from high school to a postsecondary program/degree in **Pre-Engineering**. 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. The secondary student will attain completer status through successful completion of his/her high school **Manufacturing** Pathway sequence of courses.

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

3. The ***Associate of Science*** degree in **Pre-Engineering** may be granted through the Butler Community College joint agreement. The awarding of such degree 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):

KS Course Codes	***High School Course***	***Butler Course Codes***	***Butler Course***	***College Credit***
21108	Production Blueprint Reading	IT 150	Machine Trades Print Reading	3
13002	Manufacturing Processes	IT 204	Materials & Processes of Industry	3
21107	Drafting/CAD	EN 107	AutoCAD Basics	3
21107 **and** 21150	Drafting/CAD Advanced Drafting/CAD	EN 101	Engineering Graphics I	3

39207/ 18404	Production Welding Processes I	WE 130	Oxy-Fuel Gas Welding	1
39208/ 18407	Production Welding Processes II	WE 114	Welding Methods	2
13203	Machine Tool Tech.	IT 100	Machine Processes I	3
13204	CAM	IT 120	Beginning Concepts of CNC	3
39204	Machine Tool Tech II	IT 102	Machine Processes II	3

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

6. Details regarding Articulated Credit include:
   a. The student must have a Butler Community College Application for Admission on file, submit a High School Articulation Credit Application with a high school transcript attached.
   b. Students will receive CP (Credit Pending) college credit for the approved high school articulated course work until 12 credit hours have been earned at Butler Community College. After 12 credit hours have been earned the student must notify the Registrar's Office to have the CP changed to CR (Credit Received).
   c. Student must declare **Pre-Engineering** as their major area of interest.
   d. Articulated Credit will only be awarded for a grade of "C" or better on the specified course as shown on the high school transcript.
   e. No fee will be assessed for the articulation credit awarded.
   f. Credits may not apply toward the Butler Community College residency requirement.
   g. A maximum of nine (9) credit hours towards an Associate degree or six (6) credit hours toward a certificate program will be accepted for Articulated Credit.
   h. Butler Community College will accept high school transcripts for credit up to 3 years after high school graduation.
   i. Students desiring to transfer these credits to another institution of higher learning are advised to check with that institution to determine transferability.

7. To receive an ***Associate of Science*** degree in **Pre-Engineering**, students must have completed all graduation requirements of Butler Community College.

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 by mutual agreement and shall be modified in the event of cancellation, discontinuance, or disapproval of any course or program by the Kansas 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 March 1, 2017.

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

5-30-17
Date

Lori Winningham, VP of Academics
Butler Community College

Date 6-13-17