KANSAS BOARD OF REGENTS
ACADEMIC AFFAIRS STANDING COMMITTEE

CONFERENCE CALL AGENDA

January 3, 2017
11:30 am

CONFERENCE CALL INFORMATION
DIAL: 866.620.7326
CONFERENCE CODE: 1366296630

I.	**Call To Order**	Regent Van Etten, Chair

    A. Approve Minutes
        December 14, 2016, Meeting   *p. 2*

II. Agenda Planning

    A. Consent Agenda
        1. Act on Request for Approval of Degree and Certificate Programs   April Henry   *p. 4*
            a. Cloud County Community College - Precision Agriculture Production
            b. Kansas City Community College – Nail Technology

    B. Discussion Agenda
        1. Act on Request for Approval of Courses for Systemwide Transfer   Karla Wiscombe   *p. 8*

III. Adjournment

Board Academic Affairs Standing Committee
Meeting Schedule

AGENDA MATERIALS DUE	MEETING DATES		TIME
December 19, 2016	January 3, 2017	Conference Call	11:30 am
December 28, 2016	January 18, 2017	Face to Face	10:30 am
January 16, 2017	January 31, 2017	Conference Call	11:00 am
January 25, 2017	February 15, 2017	Face to Face	10:30 am
February 14, 2017	February 28, 2017	Conference Call	11:00 am
February 22, 2017	March 15, 2017	Face to Face	10:30 am
March 20, 2017	April 4, 2017	Conference Call	11:00 am
April 17, 2017	May 2, 2017	Conference Call	11:00 am
April 26, 2017	May 17, 2017	Face to Face	10:30 am
May 1, 2017	May 30, 2017	Conference Call	11:00 am
May 24, 2017	June 14, 2017	Face to Face	10:30 am

Kansas Board of Regents
Board Academic Affairs Standing Committee

Wednesday December 14, 2016
MINUTES

The Board Academic Affairs Standing Committee of the Kansas Board of Regents met in the Kathy Rupp Conference Room at 10:30 a.m. on Wednesday, December 14, 2016.

In Attendance:

Members:	Regent Helen Van Etten	Regent Daniel Thomas	Regent Shane Bangerter
	Regent Zoe Newton	Regent Dave Murfin	
Staff:	Jean Redeker	Karla Wiscombe	Jacqueline Johnson
	Max Fridell		
Others:	Kris Boone, KSU	Ruth Dyer, KSU	David Procter, KSU
	Melissa Fast, KSDE	Robin Garrett, Barton CC	Rick Muma, WSU
	Kim Sandlin, WSU	Alicia Sanchez, WSU	Tony Vizzini, WSU
	Michael McCloud, JCCC	Lori Winningham, Butler CC	

I. Meeting called to order at 10:30 a.m. by Regent Van Etten.

Regent Newton moved, and Regent Thomas seconded the motion, to approve the November 29, 2016 minutes as written. Motion carried.

II. Update Items
A. Transition to College Algebra Project
Melissa Fast, KSDE, presented BAASC an update on the Transition to College Algebra Project. This project utilizes a blended curriculum and is aligned with KSDE's Standards of Mathematics.
- Includes 550 students enrolled in 38 Kansas high schools
- Goal is to keep high school seniors out of remedial college courses
- Working toward a self-sustaining program
- Comparing pre- and post-course scores to ensure effectiveness
- At this time, funding and resources are provided by KSDE

BAASC appreciates the tremendous work and effort by Melissa Fast with this project and requests an update in Fall, 2017.

III.   Discussion Items
A.   KSU Doctorate of Philosophy in Leadership Communication
Ruth Dyer, KSU, introduced Kris Boone and David Proctor. Information was presented to BAASC about the proposed Doctorate of Philosophy in Leadership Communication. Discussion involved engaged research, curriculum, faculty and the vision of the program.

BAASC requested an update on program guidelines that safeguard against public influence by program participants prior to the start of program in Fall 2018.

Regent Newton moved, and Regent Thomas seconded the motion, to place the Doctorate of Philosophy in Leadership Communication on the December Board agenda. Motion carried, 4-1.

IV.   Information Items
A.   Ad Astra First Generation Conference

Kim Sandlin and Alicia Sanchez, WSU, presented a slide show on the Ad Astra First Generation Conference. Discussion involved its success and further opportunities for next year. Future plans include students staying connected online and the Ad Astra First Generation Conference becoming student led.

V. Adjournment

Regent Van Etten informed BAASC the January 3rd conference call would begin at 11:30 a.m., instead of 11:00 a.m.

There being no other business, Regent Newton moved, and Regent Thomas seconded the motion, to adjourn. Motion carried.

The meeting adjourned at 11:47 a.m.

Act on Request for Approval of Community and Technical College Programs

Summary and Staff Recommendation

Each month community and technical colleges submit requests for the approval of new certificate and degree programs. The Board office received requests from Cloud County Community College to offer an Associate of Applied Science degree and a technical certificate in Precision Agriculture Production and from Kansas City Kansas Community College to offer a technical certificate in Nail Technology. The programs submitted addressed all criteria requested and were subject to the 14-day comment period required by policy. The program was reviewed by the Technical Education Authority and is recommended for approval. 1/3/2017

Background

Community colleges and technical colleges submit requests for new certificate and degree programs each month utilizing forms approved by staff. Criteria addressed during the application process include, but are not limited to, the following:
* Student and employer demand for the program
* Current and projected job openings and anticipated wages
* Level of program duplication across institutions, based on Classification of Instructional Program (CIP) code, and any efforts to collaborate to provide the needed program
* Rationale for why collaboration is not a viable option and/or need for a duplicative program
* Program description and designation of required and elective courses
* Measurable program outcomes and course competencies
* Process and frequency for review of program content, level of program success, and process for addressing any areas of concern
* Any specialized accreditation required and/or available for the proposed program
* Faculty qualifications and proposed student to faculty ratio
* Description of facilities and equipment needed and available
* Projected program costs and designation of adequate resources
* Membership of a steering/advisory committee for the program
* Approval by institutional academic committee and local governing board

Description of Proposed Programs:

Cloud County Community College requests approval for the following program:
* Precision Agriculture Production (01.0304) - Associate of Applied Science degree/62 credit hours, Technical Certificate B/30 credit hours

The proposed Precision Agriculture Production program will prepare students with the necessary skills for entry-level employment in areas, including but not limited to, Program Agriculture Technicians, Product Marketers, and Service Providers. The program consists of courses in areas such as agronomy, software, hardware, unmanned aircraft, and data management. Emphasis will be placed on the utilization of data in decision making.

To gauge student demand for this program, Cloud County Community College (CCCC) surveyed thirty-six current agriculture students about their interest in Precision Agriculture, all of whom indicated interest.

The title of "Precision Agriculture" is relatively new and is only now starting to be used in business and industry and national occupational reporting data. The U.S. Bureau of Labor Statistics, Occupational Outlook Handbook indicates a national growth rate for occupations that fall under Life, Physical, and Social Science Technicians of 8% from 2012-2022, with a median wage of $44,650 ($21.47 per hour). The Kansas Department of Labor has yet to begin reporting on occupations titled Precision Agriculture. For comparison purposes Life, Physical, and Social Science Technician data was used. KS DOL data indicates a median wage of $44,060 ($21.18 per hour). Projected growth rate from 2012-2022 is 13.33%, which equates to an additional 333 jobs statewide.

The U.S. Department of Agriculture states that between 2015 and 2020, college graduates should expect to see 57,900 average annual openings for graduates with bachelor's or higher degrees; 27% of those openings being in science, technology, engineering, and mathematics (STEM), with precision agriculture specialists specifically named.

Currently, three institutions in the state offer Precision Agriculture programs utilizing the classification of instruction (CIP) code 01.0308. The National Center for Education Statistics titled this CIP as Agroecology and Sustainable Agriculture and is defined as:

"A program that focuses on agricultural principles and practices that, over the long term, enhance environmental quality, make efficient use of nonrenewable resources, integrate natural biological cycles and controls, and are economically viable and socially responsible; and that may prepare individuals to apply this knowledge to the solution of agricultural and environmental problems. Includes instruction in principles of agroecology, crop and soil sciences, entomology, horticulture, animal science, weed science and management, soil fertility and nutrient cycling, applied ecology, agricultural economics, and rangeland ecology and watershed management."

The CIP to Standard Occupation Classification (SOC) match includes the following occupations: Nursery and Greenhouse Managers, Farm and Ranch Managers, Soil and Plant Scientists, Soil and Water Conservationists, Agriculture Sciences Teachers, Forestry and Conservation Science Teachers, and First-Line Supervisors of Agriculture Crop and Horticulture Workers.

Because these programs are relatively new, no enrollment, completion or wage data is currently available for Highland Community College's (HCC) Precision Agriculture program or Johnson County Community College's (JCCC) Sustainable Agriculture program. In fact, Northwest Kansas Technical College's (NWKSTC) Precision Agriculture program was approved on February 17, 2016 and was scheduled to begin in August 2016.

CCCC's proposed program utilizes CIP Code 01.0304 which is titled Crop Production and is defined as:
"A program that prepares individuals to cultivate grain, fiber, forage, oilseed, fruits and nuts, vegetables, and other domesticated plant products. Includes instruction in basic principles of plant science, health, and nutrition as applied to particular species and breeds; soil preparation and irrigation; pest management; planting and harvesting operations; product marketing; and applicable issues of safety, regulation, logistics, and supply."

The CIP to SOC match includes the following occupations: Farm and Ranch Managers, Agriculture Sciences Teachers, Farm and Home Management Advisors, and First-Line Supervisors of Agriculture Crop and Horticulture Workers.

CCCC's Advisory Board and Agriculture Department believe the CIP code description best fits their program and believe the CIP to SOC matches most accurately depict occupations students will obtain. CCCC did not seek partnership with any institutions offering similar programs, stating distance and curricular differences.

Upon examination of the current programs utilizing CIP code 01.0308, JCCC's program, Sustainable Agriculture, appears to be focused on food production for individual farmers geared at personal consumption or commerce at local farmers' markets. HCC and NWKSTC's Precision Agriculture programs prepare students with competencies in the areas of Geographic Information Systems, management, computer systems, collection and interpretation of data, and soil sensing. NWKSTC's program specifically states the inclusion of unmanned aerial systems within the program for the purpose of data collection. Courses within both programs appear to be consistent with the description of the CIP code.

An examination of Cloud County Community College's Precision Agriculture Production program, utilizing CIP code 01.0304, appears to be very similar to existing Precision Agriculture programs. Students are prepared with competencies in the areas of agriculture management, computer systems, collection and interpretation of data, plant science and plant pest control. The proposed new program allows the student twenty-four credit hours of agriculture electives, which permits the student to customize the program to their intended career goals. CCCC has also included the use of unmanned aircraft systems as optional competencies for this program. Two courses required of the proposed program (Plant Science and Plant Pest Control) appear to be consistent with the description of the CIP code.

Letters of support for this program were received from the following sources:
- Mid Kansas Cooperative. – serving on local advisory board, guest speaker, equipment demos, and field trips.
- Kansas State Research and Extension, River Valley Extension District #4. – participation on local advisory board.
- Crop Production Services – curriculum development, guest speaking, opportunities for hands on experience, and internships.
- Letters of general support were included from Mid Kansas Cooperative, Kansas State Research and Extension, and

Central Valley Agriculture

Cloud County Community College planned to begin the Precision Agriculture Production program in August 2016. The college estimated the initial cost to deliver the proposed program at approximately $97,500 ($55,000 salaries; $35,000 equipment, $5,000 tools and/or supplies, and $2,500 for technology). A new full-time faculty member will be hired. Existing space on campus will be used. Instructor salaries will be paid through the general fund and student lab fees. Equipment will be obtained through industry partner donations and supplemented through the general fund. Tools and/or supplies and technology for the program will be acquired through the institution's general fund.

The proposed program was subject to the 14-day comment period from April 21, 2016 to May 10, 2016 during which four responses were received. Kansas City Kansas Community College and Pratt Community College stated they had no objection to this program. Responses expressing concerns of program duplication, no attempt at collaboration with existing programs, appropriateness of the CIP Code, and funding concerns were received from Northwest Kansas Technical College and Highland Community College.

At the request of the Technical Education Authority's Program and Curriculum Committee, Cloud County Community College worked with Highland Community College to develop a partnership between the two programs. As a result, the two colleges developed a shared program in which Precision Agriculture courses distinct to each institution would be transferable between the colleges, allowing students to take advantage of course offerings from both programs.

Staff Recommendation

The new program request submitted by Cloud County Community College for an Associate of Applied Science degree at 62 credit hours and Technical Certificates B at 30 credit hours in Precision Agriculture Production was reviewed by the Technical Education Authority is recommended for approval.

Kansas City Kansas Community College requests approval for the following program:
- Nail Technology (12.0410) - Technical Certificate A/16 credit hours

The proposed Nail Technology program prepares individuals to shape fingernails and toenails, remove unwanted skin and blemishes, apply polish and cosmetics to nails, and function as licensed manicurists. The proposed program includes instruction in manicuring theory, skin anatomy, nail growth, irregularities, diseases, sterilization, sanitation, equipment and table maintenance, cuticles, blemishes, rough skin removal, nail filing, shaping polishing, cream application, extremity massage, nail sculpture, nail design, nail art, product storage, product usage, customer service, laws, and regulations. Upon completion of the program, students are eligible to sit for the Kansas Board of Cosmetology's Nail Technology License.

Kansas City Kansas Community College currently offers a fifteen credit hour Nail Technology Stand Alone Parent Program (SAPP). Courses within SAPP's are eligible for tiered funding; however, the program itself is not eligible for Carl D. Perkins funds.

To gauge student demand for this program, Kansas City Kansas Community College examined student inquiry data. According to Scott Smith, KCKCC's Counselor, during the past year 35 students have been advised on the program; however, only 10% actually enrolled in the program. The most common reason given for not enrolling in the program was the lack of federal financial aid for the program.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook indicates a national growth rate for Manicurists and Pedicurists of 10% from 2014-2024 with a median annual wage of $20,820, or about $10.01 per hour. The Kansas Department of Labor, Long-term Occupation Projections 2012-2022 indicate a state-wide growth rate of 9.57%, which equates to roughly 11 jobs, with a median annual wage of $22,756, or about $10.94 per hour.

Currently, five institutions offer a Nail Technology program. Below are the colleges, programs, total number of declared majors, total number of graduates, and average wage of graduates exited and employed information from the 2015 K-TIP report.

				Total #	
		Total #		Graduates	Average Wage:
		declared	Total #	Exiting &	Graduates Exited
College	Program Name	Majors	Graduates	Employed	& Employed
Fort Scott Community College	Manicurist	8	5	*	NR
Independence Community College	Nail Tech	*	*	*	NR
Johnson County Community College	Nail Technology	17	14	5	*
Kansas City KS Community College	Nail Technology	26	10	9	$23,554
Northwest KS Technical College	Nail Technician	*	*	*	NR
Total					

Table title: 2015 K-TIP Data

NR = No values were reported.
* = Small cell suppression used to protect student privacy in accordance with FERPA and HEOA guidelines.

Of the five Nail Technology programs in the state, Johnson County Community College is the only institution running the program as a Technical Certificate A. All other programs are SAPPs.

Letters of support for this program were received from the following sources:
- Barukh Beauty Salon – program development, apprenticeship opportunities, willing to interview and employ qualified program completers
- ECE Beauty Salon – interview opportunities for program completers
- Hoopla - wiliness to interview and employ qualified program completers
- Allure Nail Supply – access to facility for field trips and donation of materials
- State Beauty Supply - access to facility for field trips, donation of materials, willing to interview and employ qualified program completers
- Letters of general support were included from Studio 8 The Salon, and Salon Equipment Now

Kansas City Kansas Community College plans to begin the Technical Certificate a Nail Technology program in August of 2017. Since the college currently runs a SAPP in the CIP code, there is no additional cost to increase the program by 1 credit hour. Existing faculty and space will be utilized.

The proposed program was subject to the 14-day comment period from October 18, 2016 to November 4, 2016 during which no comments were received.

Staff Recommendation

The new program request submitted by Kansas City Kansas Community College for a Technical Certificate A at 16 credit hours in Nail Technology has been reviewed by the Technical Education Authority and is recommended for approval.

Act on Request for Approval of Courses for Systemwide Transfer

Summary and Staff Recommendation

The Transfer and Articulation Council (TAAC) reviewed reports from the September 23, 2016 Kansas Core Outcome Group (KCOG) meeting and approved outcomes for nine additional courses to be recognized for transfer across the Kansas Board of Regent System. TAAC recommends the Board Academic Affairs Standing Committee approve nine courses for inclusion in the systemwide transfer matrix, effective summer 2017. Staff recommends approval of this request. *1/3/2017*

Background

The ongoing process of transfer and articulation among public postsecondary institutions in Kansas is managed by the Transfer and Articulation Council (TAAC0) which utilizes the discipline-based Kansas Core Outcomes Groups (KCOG) to review courses for direct equivalency.

KBOR policy states the Transfer and Articulation Council's mission is to create structures and processes that facilitate student transfer and degree completion within Kansas higher education. TAAC is responsible for assuring quality and adherence to the agreed-upon learning outcomes of courses articulated across institutions. Criteria used for selecting courses to consider for systemwide transfer are:
- Courses that facilitate timely degree completion
- Courses that meet General Education requirements
- Lower division instruction * (as defined in KBOR policy)
- Frequency of transfer across institutions
- Number of institutions offering course (minimum target of 12)
- Recommendation of faculty at Kansas Core Outcomes Group Meeting
  * lower-division instruction means course content and teaching at a level appropriate for first and second-year postsecondary students generally but available to more advanced students who have no prior experience in the subject.

Faculty established learning outcomes for the courses listed below at the annual KCOG 2016 meeting at Washburn University. TAAC recently reviewed reports submitted by the KCOG Chairs from the meeting and approved outcomes for nine additional courses for seamless transfer among any university or college in the Kansas Board of Regents System offering the equivalent course.

2017-18 Courses Presented for Approval
The following list of courses is presented to the Board for approval for inclusion in the systemwide transfer matrix:
- Anatomy and Physiology – 8 credit hours
- Biology II and Lab for Majors
- Contemporary Math/Essential Math
- First Aid and CPR
- General Calculus/Business Calculus
- Introduction to Business
- Introduction to Education
- Introduction to Women's Studies
- Medical Terminology

Staff Recommendation
Staff recommends approval to include the nine courses listed above in the systemwide course transfer matrix.