

MINUTES



Kansas Advisory Committee for Career & Technical Education

Details

Date April 20, 2021

Time 9:00 AM – 12:00 PM

Group KACCTE

Location Zoom

	Shannon Bohm		Stephanie Harder	x	Mike Beene	x	Natalie Clark
x	Alex Delaney	x	Jeff Keating		Angela Berland	x	Wendy Coates
x	David Dennis	x	Ann Mah	x	Kelly Bielefeld	x	Marcia Fiorentino
x	Silas Dulan	x	Tim Murrell	x	Joni Clark-Leiker	x	Kathleen Mercer
x	Eddie Estes	x	Jenny Niblock	x	Max Heinrichs	x	Nikk Nelson
	Jack Frederick	x	Clint Reed, Chair		Travis Riebel	x	Crystal Roberts
x	Karly Frederick	x	Liz Steffen	x	Scott Smathers	x	Stacy Smith
	Mike Gibson		Tiffany Stovall				Becky Warren
x	Lisa Graham	x	Sharon Thielen			x	Amanda Williams

Guests: Charmine Chambers, KBOR; Connie Beene, KBOR; April Henry, KBOR????; Lisa Beck, ???; Kristin Brighton; Barb Gonzales, Olathe USD;

9:00 AM	Welcome and Introduction, Approval of Agenda and January 2021 Minutes <ul style="list-style-type: none"> Clint Reed
9:05 AM	Perkins Update <ul style="list-style-type: none"> Kathleen Mercer
???	Work-Based Learning Update <ul style="list-style-type: none"> Natalie Clark
9:55 AM	Break

10:00 AM	HirePaths <ul style="list-style-type: none"> Kristin Brighton, New Boston Creative Group, LLC
11:05 AM	Pathway Revisions <ul style="list-style-type: none"> Natalie Clark with Karly Frederick Crystal Roberts with Jack Frederick Stacy Smith with Barb Gonzales, Olathe
11:40 AM	Follow-Up Discussions, if necessary
12:00 PM	Adjournment

Welcome, Introduction, Approval of Agenda and January 2021 Minutes

Called to order at 9:00 AM
Members briefly introduced themselves.
January 2021 Minutes – Approved by unanimous vote

Perkins Update

The state receives one amount for the Perkins grant. It is divided between KBOR and KSDE. Perkins V brought some changes. One of the things that Perkins requires is a local needs assessment. The needs assessment drives application development and spending, ensuring that pathways offered align to regional workforce needs, engage stakeholders and keep up with current labor market trends.

Each workforce region has a team comprised of co-chairs from secondary and post-secondary institutions, as well as teachers, faculty members, counselors, administration, representatives of special populations, students, parents, community members, business & industry partners and representatives of Tribal organizations . The team completes the Comprehensive Regional Needs Assessment. Key components of the Needs Assessment are an analysis of labor market data, analysis of student performance and analysis of programs.

The needs assessment is submitted for approval by the state Perkins Workgroup. Once approved, the needs assessment remains in place for two years. Teams are currently forming for the next needs assessment. All Perkins fund usage must tie back to the Needs Assessment.

85% of Perkins funds flow through to school districts on a formula basis.

KBOR and KSDE utilize about 10% of the funds for administration of the Perkins grant.

Perkins V State of KS Website:
https://www.kansasregents.org/workforce_development/perkins_grants/perkins-v

Work-Based Learning Update

The U.S. Department of Education has put out a call to action to provide greater access to
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work-based learning experiences for high school students.

The Advantage Kansas Coordinating Council was established by Governor Kelly. The first meeting was held Monday, April 12, 2021. There are three subcommittees:

- Jumpstart Kansas – focus on getting kids more college hours/work-based learning in high school
- Talent Ready Kansas – Work on apprenticeship programs and alignment work
- Opportunity Kansas – bring job growth

At the February 9 State Board of Education meeting, Natalie Clark and Stacy Smith presented on connecting State Board Initiatives to the Governor’s Council on Education recommendations.

Connecting State Board Initiatives with Governor’s Council on Education Recommendations
February 9, 2021 SBOE

<https://youtu.be/IRERbVBwEe4>
5:14:25

Senate Bill 91 would provide some support for businesses to engage with student and work-based learning. As of this meeting, it has passed the House.

Current enrollment in colleges, including technical and community colleges and Excel in CTE are down. There has been a small bounce-back in the spring.

Resources/Presentations:

WBL Digital Reference Guide (Updated February 2021)
[https://www.ksde.org/Portals/0/CSAS/CSAS%20Home/CTE%20Home/Work-Based%20Learning%20Digital%20\(WBL\)%20Reference%20Guide%20\(Updated%20February%202021\).pdf?ver=2021-03-02-124915-267](https://www.ksde.org/Portals/0/CSAS/CSAS%20Home/CTE%20Home/Work-Based%20Learning%20Digital%20(WBL)%20Reference%20Guide%20(Updated%20February%202021).pdf?ver=2021-03-02-124915-267)

Updated WBL Fact and Information Sheets:

<https://drive.google.com/drive/folders/1507Vpm4ftdYE63M3iBsQ0DRwNke4dxcf?usp=sharing>

April 7th Redesign PLC Meeting

Topic: Real World Application: Work-Based Learning, Market Value Assets, and Diploma Plus

Guest Speakers:

Dr. Cindy Lane, Governor’s Council on Education Chair

Natalie Clark, KSDE

Dr. Cindy Swartz, De Soto USD 232 WBL Coordinator

Bill Losey, Hugoton USD 210 WBL Coordinator

<https://mediastream.ksde.org/Media/Redesign/April2021PLCMeeting.mp4>

April 14th State Board of Education Meeting

Topic: ACT WorkKeys, National Career Readiness Certificate, and Work Ready Communities

The April 14th 2021 Kansas State Board of Education Meeting - YouTube

<https://www.youtube.com/watch?v=VSXL2B768IY>

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(Starting at 10:00)
Circle USD 375: Breahna Crawford
Butler County: Jordan Buxton
Wamego USD 320: Jina Kugler
Pottawatomie county: Jack Allston
Natalie Clark, KSDE

WBL Bill: http://kslegislature.org/li/b2021_22/measures/documents/sb91_01_0000.pdf

HirePaths

Kristin Brighton, New Boston Creative Group, based in Manhattan, KS

<http://www.hirepaths.com>

kristin@newbostoncreative.com

There is an ongoing workforce shortage in Kansas, as baby boomers retire. There is a need to fill in-demand technical and trade jobs.

In 2019, Ms. Brighton partnered with KSDE for a research study to obtain benchmark data for the program. Of 19,000 parent-respondents, 63% hoped their child would attend a four-year college after high school. According to Kansas Department of Labor data from 2019, approximately 25% of Kansas jobs require a bachelor's degree or higher.

The focus of HirePaths is on educating parents about opportunities for their children after high school besides getting a four-year degree. Parents are the greatest influence in a child's life. Secondary target audiences include K-12 students, teachers and counselors.

New Boston Creative partners with private industry to fund the program. HirePaths went live on February 1, 2021 after some Covid-related delays.

Pathway Revisions

Natalie Clark & Karly Frederick: Marketing

The revision committee reviewed Marketing Labor Market information and Business/Industry feedback regarding trends and skills. MBA Research and Curriculum Center core relevant marketing pathways standards, performance elements and indicators were also reviewed. End-of-pathway assessments and credentials on the K-PAC were compared to ONET.

Individual course codes were reviewed, with recommendations given for competencies and indicators within those courses. The analytics team recommended that the Google Analytics Individual exam and the Facebook Digital Marketing Association Certification exam be added to the K-PAC.

Course addition recommendations include:

- Advanced Spreadsheet Applications, 0.5 credits
- IB Business & Management, 1 credit
- Marketing – Workplace Experience, 1 credit

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- Advanced Marketing Workplace Experience, 1 credit

Crystal Roberts:

Mobile Equipment Maintenance:

Virtual meetings were held in October and November of 2020. Individuals on the committee represented CTE secondary education, administration, post-secondary and business & industry. It was difficult to represent small schools due to lack of staffing for substitutes.

The committee reviewed, compared and contrasted the Common Career Technical Cord and the current Kansas Transportation Career cluster, including pathway courses and competencies.

Public comment took place from February 12 through March 12, 2021. One comment was received, reviewed by the committee, and the relevant competency was retained.

Auto Collision strand updates:

- Auto Refinishing Comprehensive (40308) has been renamed "Auto Refinishing I."
- Custom Refinishing A (40314) and Custom Refinishing B (40315) have been removed and replaced with a new course, "Auto Refinishing II" (new course code pending)

Auto Technology strand updates:

- Small Gas Engines and Powertrains (40212) has been renamed "Small Engines and Powertrains I" and changed from 1.0 to .5 credit.
- Adv. Small Gas Engines and Powertrains (40214) has been renamed "Small Engines and Powertrains II" and changed from 1.0 to .5 credit.
- Fundamentals of Electronic/Electrical Systems (40200) has been renamed "Electronic & Electrical Systems I."
- Adv. Electronic/Electrical Systems (40202) has been renamed "Electronic & Electrical Systems II."
- Brakes (40204) has been renamed "Brakes I."
- Steering & Suspension (40244) has been renamed "Steering & Suspension I."
- Adv. Steering & Suspension (40226) has been renamed "Steering & Suspension II."

Aviation Maintenance:

1. Reviewed Transportation Career Cluster: Aviation Maintenance Pathway Design

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2. Reviewed, Compared, and Contrasted the Common Career Technical Core and the Current Kansas Transportation Career Cluster: Aviation Maintenance Pathway
3. Reviewed Pathway Courses and Competencies by Strands: Course Additions, Deletions, Competency Edits
 - a) Avionics Strand
 - b) Engine Maintenance Strand (renamed Airframe Strand)
4. Reviewed Industry Recognized Certifications (IRC) and Third Party End of Pathway Assessments
5. Reviewed Manufacturing Trends and Labor Market Data
6. Finalized Manufacturing Pathway for Public Comment
 - a) Sent to the Field on KSDE Trade Instructors ListServ April 12, 2021
 - b) Sent to the Field on KSDE CTE Coordinators ListServ April 12, 2021

Avionics Strand Updates:

1. Microcontrollers course has been removed from the Avionics Strand.
2. Integrated Circuits course has been removed from the Avionics Strand.

Airframe Strand Updates:

1. The Engine Maintenance Strand has been replaced with the "Airframe Strand."
2. Foundations of Electronics, Aviation Engine Basics, Aviation Engine Performance I, Aviation Engine Performance II, and Aviation Material Processes courses have been removed from the Engine Maintenance (now Airframe) Strand.
3. "Production Methods I" (previously Mass Production) 1.0 credit course added into Airframe Strand from the Manufacturing Pathway.
4. "Mechanical Power Transmission Systems" (previously Mechanical Power Transmission and Conveyor Systems) .5 credit course added into Airframe Strand from the Manufacturing Pathway.
5. Aviation Pneumatics and Hydraulics 1.0 credit course in the Airframe Strand has been replaced with Hydraulics and Pneumatics .5 credit course from the Manufacturing Pathway.
6. A new "Flight Training" 1.0 credit course has been added into the Airframe Strand.

Updates Applied to Both Pathway Strands:

1. Drones has been renamed "Unmanned Aircraft Systems (UAS)" and is offered to both strands.
2. Workplace Experience in Engineering .5 credit course has been replaced with a new

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course “Work Experience in Aviation” and is offered to both strands.

- Must take at least 1.0 credit of Technical Level course and Application Level course combined.
3. Workplace Experience 1.0 credit course has been replaced with a new course “Work Experience in Aviation - Comprehensive” and is offered to both strands.
 - Must take at least 1.0 credit of Technical Level course and Application Level course combined.

Manufacturing:

Virtual meetings were held in November and December of 2020.

1. **Reviewed Manufacturing Career Cluster: Manufacturing Pathway**
2. **Reviewed Pathway Courses and Competencies by Strands: Course Additions, Deletions, Competency Edits**
 - a) Production Strand
 - b) Maintenance Strand
3. **Reviewed Industry Recognized Certifications (IRC) and Third Party End of Pathway Assessments**
4. **Reviewed Manufacturing Trends and Labor Market Data**
5. **Finalized Manufacturing Pathway for Public Comment**
 - a) Sent to the Field on KSDE Trade Instructors ListServ March 30, 2021
 - b) Sent to the Field on KSDE CTE Coordinators ListServ March 30, 2021

Production Strand Updates:

1. Manufacturing Processes has been removed from the Production Strand.
2. Mass Production has been renamed “Production Methods I.”
3. Computer-Aided Manufacturing (CAM) has been renamed “Computer-Aided Machining (CAM).”
4. Automated Systems has been renamed “Automated Integrated Systems.”
5. Machine Tool Technology II has been removed from the Production Strand.
6. Mass Production II has been renamed “Production Methods II.”
7. “Computer Aided Machining (CAM) II” is new .5 credit course added to the Production Strand.

Maintenance Strand Updates:

1. Skilled Mechanical Crafts, Machine Tool Technology 1a, and Maintenance Welding Processes courses have been removed from the Maintenance Strand.

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2. Foundations of Electronics 1.0 credit course added into Maintenance Strand from the Engineering & Applied Math Pathway.
3. Mechanical Power Transmission and Conveyer Systems has been renamed "Mechanical Power Transmission Systems."
4. Sheet Metal and HVACR has been removed from the Maintenance Strand.
5. Digital Electronics 1.0 credit course added into Maintenance Strand from the Engineering & Applied Math Pathway.

Updates Applied to Both Pathway Strands:

1. Robotics 1.0 credit course added into both strands from the Engineering & Applied Math Pathway.
2. Hand and Power Tools .5 credit course added into both strands from the Aviation Production Pathway.
3. Production Welding Process I has been renamed "Welding Processes I" and is offered to both strands.
4. Production Welding Processes II has been renamed "Welding Processes II" and offered to both strands.
5. Advanced Production Blueprint Reading has been renamed "Production Print Reading II" and has been removed from the Maintenance Strand.
6. Research and Design for Manufacturing has been renamed "Work Experience in Manufacturing-Comprehensive" and is offered to both strands.
 - Must take at least 1.0 credit of Technical Level course and Application Level course combined.
7. Work-Based Maintenance Experience has been renamed "Work Experience in Manufacturing" and offered to both strands.
 - Must take at least 1.0 credit of Technical Level course and Application Level course combined.

Barb Gonzales/Stacy Smith:

Early Childhood Development and Services

Summary of Changes:

- Updated Pathway Map to reflect changes
- Course 45001 Intro to Family and Consumer Sciences number has changed to 19251; competencies & course descriptions updated
- Course 22207 Career and Life Planning number has changed to 19258; competencies & course descriptions updated
- Course 45004 Human Growth & Development A name changed to Human Growth & Development – The Early Years; competencies & course descriptions updated

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- Course 45014 Human Growth & Development B removed from pathway
- Course 22208 Family Studies number has changed to 19255; competencies & course descriptions updated
- Course 22255 Leadership Service in Action course number has changed to 19257; competencies & course descriptions updated
- Course 19051 Orientation to Early Childhood Development competencies and course description updated
- Course 19052 Foundations to Early Childhood Development competencies and course description updated
- Course 19098 Early Childhood Application competencies and course description updated
- Course 22270 Community Connections number has changed to 19297; competencies & course descriptions updated
- Course 22275 Career Connections number has changed to 19298; competencies & course descriptions updated
- Added pathway note for Community Connections: **Course prerequisite 1.0 credit within Human Services Cluster Pathways courses.
- Added pathway note to Career Connections: **Courses prerequisite 1.0 credit within Human Services Cluster Pathways courses.

Family, Community & Consumer Services

Summary of Changes:

- Updated Pathway Map to reflect changes
- Course 19260 Relationships and Personal Development is a new course added to pathway for a .5 credit
- Course 45001 Intro to Family and Consumer Sciences number has changed to 19251; competencies & course descriptions updated
- Course 22207 Career and Life Planning number has changed to 19258; competencies & course descriptions updated
- Course 45004 Human Growth & Development A name changed to Human Growth & Development – The Early Years; competencies & course descriptions updated
- Course 45014 Human Growth & Development B name changed to Lifespan Development; competencies & course descriptions updated. Credit changed from 1.0 to 0.5
- Course 22208 Family Studies number has changed to 19255; competencies & course descriptions updated
- Course 22210 Consumer & Personal Finance number has changed to 19262; competencies & course descriptions updated

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- Course 08057 Nutrition & Wellness course number has changed to 19253; competencies & course descriptions updated
- Course 22255 Leadership Service in Action course number has changed to 19257; competencies & course descriptions updated
- Course 22270 Community Connections number has changed to 19297; competencies & course descriptions updated
- Course 22275 Career Connections number has changed to 19298; competencies & course descriptions updated
- Added pathway note for Community Connections: **Course prerequisite 1.0 credit within Human Services Cluster Pathways courses.
- Added pathway note to Career Connections: **Courses prerequisite 1.0 credit within Human Services Cluster Pathways courses.

Adjournment

11:42 AM

For more information, contact:



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