

Kansas State Department of Education Career and Technical Education (CTE) Summary of Pathway Changes for 2022-2023

All changes made to the Pathways for 2022-2023 are found in the 2022-2023 Career Cluster Guidance Handbook. Some changes may require remapping of a course or courses through KCCMS prior to the completion of the CPPSA due on 3-1-22.

Pathways not listed have NO changes for the 2022-23 school year.

Marketing Pathway

- Course 12059 (1 credit) IB Business and Management has been added as a supportive course at the Technical Level.
- Course 33110 (.5 credit) Advanced Spreadsheet Applications has been added as a supportive course at the Technical Level.
- Course 12198 (.5/1 credit option) Marketing Workplace Experience 1 credit has been added. (School may include both in Pathway/Students may choose a .5 or 1 Credit Option)
- Course 12199 (1 credit) Advanced Marketing Workplace Experience has been added as a supportive course at the Application Level.

Family, Community & Consumer Services Pathway

- Course codes were changed to match national course codes except for Consumer and Personal Finance
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45001 Introduction to Family and Consumer Science course code changed to 19251
 - Course 22208 Family Studies course code changed to 19255
 - Course 08057 Nutrition and Wellness course code changed to 19253
 - Course 22255 Leadership Service in Action course code changed to 19257
 - Course 22270 Community Connections course code changed to 19297
 - Course 22275 Career Connections course code changed to 19298.
- Course 19260 (.5 credit) Relationships and Personal Development was added – not required for Pathway approval (focus is social and emotional health).
- Course 45004 (.5 credit) Human Growth and Development A was renamed to Human Growth and

Development – the Early Years (focus is birth to early childhood).

- Course 45014 (.5 credit) Human Growth and Development B was renamed to Lifespan Development (focus is late childhood to end of life).
- Schools can offer one or both development courses.

Early Childhood Development and Services Pathway

- Course codes were changed to match national course codes.
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45001 Introduction to Family and Consumer Science course code changed to 19251
 - Course 22255 Leadership Service in Action course code changed to 19257
 - Course 22208 Family Studies course code changed to 19255
 - Course 45004 Human Growth and Development is renamed as 45004 Human Growth and Development – The Early Years
 - Course 45014 Human Growth and Development B is deleted from the pathway
 - Course 22270 Community Connections course code changed to 19297
 - Course 22275 Career Connections course code changed to 19298
- Course 45004 (.5 credit) Human Growth and Development A was renamed to Human Growth and Development – the Early Years (focus is birth to early childhood).
- Course 45014 (.5 credit) Human Growth and Development B was removed from the pathway – no longer relates to pathway

Teaching/Training Pathway

- Course codes were changed to match national course codes.
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45001 Introduction to Family and Consumer Science course code changed to 19251
 - Course 22208 Family Studies course code changed to 19255

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- Course 45004 Human Growth and Development is renamed as 45004 Human Growth and Development – The Early Years
- Course 45014 Human Growth and Development B is renamed as 45014 Lifespan Development

Travel and Tourism Pathway

- Course codes were changed to match national course codes.
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45001 Introduction to Family and Consumer Science course code changed to 19251
 - Course 08057 Nutrition and Wellness course code changed to 19253
 - Course 22270 Community Connections course code changed to 19297
 - Course 22275 Career Connections course code changed to 19298

Restaurant and Event Management Pathway

- Course codes were changed to match national course codes.
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45001 Introduction to Family and Consumer Science course code changed to 19251
 - Course 08057 Nutrition and Wellness course code changed to 19253
 - Course 22270 Community Connections course code changed to 19297
 - Course 22275 Career Connections course code changed to 19298

Government and Public Administration Pathway

- Course codes were changed to match national course codes.
 - Course 22207 Career & Life Planning course code changed to 19258
 - Course 45004 Human Growth and Development is renamed as 45004 Human Growth and Development – The Early Years
 - Course 22275 Career Connections course code changed to 19298

Health Science Pathway

- Course code was changed to match national course codes.

- Course 08057 Nutrition and Wellness course code changed to 19253

Manufacturing Pathway

- Some courses have updated competencies.
- See KSDE website for full competency lists.
- Robotics (21009) 1.0 credit Technical Level course from the Engineering & Applied Math Pathway is added to both strands.
- Hand and Power Tools (40400) .5 credit Technical Level course from the Aviation Production Pathway is added to both strands.
- Production Welding Process I (39207) has been renamed "Welding Processes I" and is offered to both strands.
- Manufacturing Processes (13002) has been removed from the Production Strand.
- Advanced Production Blueprint Reading (39108) has been renamed "Production Print Reading II" and has been removed from the Maintenance Strand.
- Mass Production (13052) has been renamed "Production Methods I."
- Computer-Aided Manufacturing (CAM) (13204) has been renamed "Computer-Aided Machining (CAM) I."
- Skilled Mechanical Crafts (17062) has been removed from the Maintenance Strand.
- Machine Tool Technology 1a (39203) has been removed from the Maintenance Strand.
- Maintenance Welding Processes (13208) has been removed from the Maintenance Strand.
- Foundations of Electronics (21201) 1.0 credit Technical Level course from the Engineering & Applied Math Pathway added into the Maintenance Strand.
- Mechanical Power Transmission and Conveyer Systems (13302) has been renamed "Mechanical Power Transmission Systems."
- Production Welding Processes II (39208) has been renamed "Welding Processes II" and offered to both strands.
- Automated Systems (39010) has been renamed "Automated Integrated Systems."
- Machine Tool Technology II (39204) has been removed from the Production Strand.
- Mass Production II (39052) has been renamed "Production Methods II."
- "Computer Aided Machining (CAM) II (39205)" is new .5 credit Application Level course added to the Production Strand.

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- Sheet Metal and HVACR (38012) has been removed from the Maintenance Strand.
- Digital Electronics (21008) 1.0 credit Application Level course from the Engineering & Applied Math Pathway added to the Maintenance Strand.
- Work-Based Maintenance Experience (13348) .5 credit Application Level course 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.)
- Research and Design for Manufacturing (13998) 1.0 credit Application Level course 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.)

Mobile Equipment Maintenance Pathway

- Some courses have updated competencies.
- See KSDE website for full competency lists.
- Auto Refinishing Comprehensive (40308) has been replaced with "Auto Refinishing I (40310)" in the Auto Collision Strand.
- Custom Refinishing A (40314) and Custom Refinishing B (40315) have been removed and replaced with a new 1.0 credit Application Level course "Auto Refinishing II (40312)" in the Auto Collision Strand.
- Small Gas Engines and Powertrains (40212) has been renamed "Small Engines and Powertrains I" and changed from 1.0 to .5 credit in Auto Technology Strands One and Two.
- Adv. Small Gas Engines and Powertrains (40214) has been renamed "Small Engines and Powertrains II" and changed from 1.0 to .5 credit in Auto Technology Strands One and Two.
- Fundamentals of Electronic/Electrical Systems (40200) has been renamed "Electronic & Electrical Systems I" credit in Auto Technology Strand Two.
- Adv. Electronic/Electrical Systems (40202) has been renamed "Electronic & Electrical Systems II" in Auto Technology Strand Two.
- Brakes (40204) has been renamed "Brakes I" in Auto Technology Strand Two.
- Advanced Brakes (40206) has been renamed "Brakes II (40206)" in Auto Technology Strand Two.
- Engine Performance (40220) has been renamed "Engine Performance I (40220)" in Auto Technology Strand Two.

- Steering & Suspension (40224) has been renamed "Steering & Suspension I" in Auto Technology Strand Two.
 - Adv. Steering & Suspension (40226) has been renamed "Steering & Suspension II" in Auto Technology Strand Two.
 - Research & Emerging Trends in Transportation (40250) .5 credit Application Level course has been renamed "Work Experience in Transportation" in all strands. (Must take at least 1.0 credit of Technical Level course and Application Level course combined.)
 - Research & Emerging Trends in Transportation (40251) 1.0 credit Application Level course has been renamed "Work Experience in Transportation - Comprehensive" in all strands. (Must take at least 1.0 credit of Technical Level course and Application Level course combined.)
- WATER

Aviation Maintenance Pathway

- Some courses have updated competencies.
- See KSDE website for full competency lists.
- The Engine Maintenance Strand has been replaced with the "Airframe Strand."
- Foundations of Electronics (21201), Aviation Engine Basics (40430), Aviation Engine Performance I (40500), Aviation Engine Performance II (40510), and Aviation Material Processes (40520) courses have been removed from the Engine Maintenance (now Airframe) Strand.
- Microcontrollers (40470) has been removed from the Avionics Strand.
- Integrated Circuits (40480) has been removed from the Avionics Strand.
- "Production Methods I (13052)" (previously Mass Production) 1.0 credit Technical Level course from the Manufacturing Pathway added to the Airframe Strand.
- "Mechanical Power Transmission Systems (13302)" (previously Mechanical Power Transmission and Conveyor Systems) .5 credit Technical Level course from the Manufacturing Pathway added to the Airframe Strand.
- Aviation Pneumatics and Hydraulics (40530) 1.0 credit Application Level course in the Airframe Strand has been replaced with Hydraulics and Pneumatics (39302) .5 credit course from the Manufacturing Pathway.
- A new "Flight Training (40540)" 1.0 credit Application Level course has been added into the Airframe Strand.
- Drones has been renamed "Unmanned Aircraft Systems (UAS) (40490)" and is offered to both strands.

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- Workplace Experience in Engineering (41048) .5 credit Application Level course has been replaced with a new course "Work Experience in Aviation (40700)" and is offered to both strands. (Must take at least 1.0 credit of Technical Level course and Application Level course combined.)
- Workplace Experience (21048) 1.0 credit Application Level course has been replaced with a new course "Work Experience in Aviation - Comprehensive (40701)" and is offered to both strands. (Must take at least 1.0 credit of Technical Level course and Application Level course combined.)

Aviation Maintenance Pathway

Course Name changed to align with Manufacturing Pathway name change.

- Mass Production (13052) has been renamed "Production Methods I."

Business Management & Entrepreneurship Pathway

Course Name changed to align with Manufacturing Pathway name change.

- Production Welding Process I (39207) has been renamed "Welding Processes I."

Energy Pathway

Course Name changed to align with Manufacturing Pathway name change.

- Mechanical Power Transmission and Conveyer Systems (13302) has been renamed "Mechanical Power Transmission Systems."



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For general information:

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