



# Kansas State Department of Education Career and Technical Education (CTE)



## Summary of Pathway Changes for 2019-2020

All changes made to the Pathways for 2019-2020 are found in the 2019-2020 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 3-15-19.

**Pathways not listed have NO changes for the 2019-20 school year.**

### Agriculture Cluster Pathways

- Some courses have updated competencies
- See KSDE website for full competency lists

### Visual Arts Pathway – Graphic Design Strand\*\*

- Pathway title is changed to **Graphic Design Pathway**
- Replaces the former Graphic Design Strand
- Course 21205 is changed to Graphic Design Project Management with the course code 31090

### Visual Arts Pathway – Fashion & Interior Des. Strand\*\*

- This has become a new pathway titled “**F.A.I.D. Pathway**” (Fashion and Interior Design)
- It is now part of the Human Services Cluster
- See Career Cluster Handbook for full list of available courses

### AV Communications Pathway\*\*

- Pathway title is changed to **Digital Media Pathway**.
- Course 12164 Principles of Marketing is deleted
- Course 21205 is changed to Digital Media Project Management with the course code 31091
- Course 35162 Digital Marketing is added
- Course 12163 Sports & Entertainment Marketing is added

### Aviation Production Pathway\*

- New Pathway with Two Strands: Design Strand & Production Strand
- See Career Cluster Handbook for full list of available courses
- Pathway is part of the Engineering Cluster

### Cartography Pathway

- Course 21205 Project Management & Resource Scheduling has been deleted

### Energy Pathway

- **Has undergone a complete revision**
- Decreased the number of Engineering courses
- Increased the number of mechanical maintenance courses
- All former Introductory courses have been deleted
- 41100 Intro to Energy is a new required course at the Introductory Level
- 41207 Environmental Science is a new course at the Introductory Level
- All Technical Level courses except 41105 (Energy Ind. Fundamentals) and 03006 (Meteorology) were deleted
- 6 new courses are added at the Technical Level
- Course 21252 (Materials Science & Engineering) is replaced by course 41355 (Materials Science in Engineering) dropping it from a full credit to .5 credit
- All other Application Level courses are deleted
- 5 new courses are added at the Application Level

- See Career Cluster Handbook for full list of available courses

### Engineering & Applied Mathematics Pathway

- **Has undergone a complete revision**
- Combined several courses to decrease duplications
- 41310 Intro to Engineering is a new required course at the Introductory Level
- All former Introductory Level courses are deleted
- Courses 03101 (Chemistry) and 21108 (Production Blueprint Reading) are added at the Introductory Level
- Courses 21004 (Prin. Of Eng.), 39108 (Adv. Prod. Blueprint Reading), 21005 (Engineering – Comprehensive), and 21054 (Technical Innovation & Assessment) are deleted
- Courses 41320 (Prin. Of Applied Engineering) and 21107 (Drafting/CAD) are added at the Technical Level
- Application Level Courses 21020 (BioEngineering), 21014 (Biotechnical Engineering), 21205 (Project Management & Res. Scheduling), and 21011 (Civil Engineering) are deleted
- Courses 41350 (Project Management) and 41048 (Workplace Exp. In Engineering) are added at the Application Level
- See Career Cluster Handbook for full list of available courses

### BioChemistry Pathway

- Course 21205 Project Management & Resource Scheduling has been deleted

### BioMedical Pathway

- Course 21205 Project Management & Resource Scheduling has been deleted

### Health Science Pathway

- Course 21205 Project Management & Resource Scheduling has been deleted
- Course 14999 Health Care Sciences – Other has been added

### Aviation Maintenance Pathway\*

- New pathway with two strands: Avionics Strand and Engine Maintenance Strand
- See Career Cluster Handbook for full list of available courses
- Pathway is part of the Transportation Cluster

\*Since these are new Pathways, they are not eligible for Perkins Funding until the 2020-21 school year

\*\*The Title/Status changes to these Pathways does not affect Perkins Funding eligibility for those who already have the approved Pathway(s)

### For general information:

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