

Prior to the Cluster Review



Recommendations Following Cluster Review

**Pathway Recommendations Summary****:**

No Recommend Changes [CTE Course Competencies and Indicators (ksde.org)](https://www.ksde.org/Agency/Division-of-Learning-Services/Career-Standards-and-Assessment-Services/CSAS-Home/Career-Technical-Education-CTE/CTE-Course-Competencies-and-Indicators)

* Courses with No Changes
	+ 21108 Production Blueprint Reading
	+ 21013 Aerospace Engineering

Courses Reviewed with Recommended Changes

* Courses being removed from the pathway.
	+ 03101 Chemistry
* Courses with updated competencies and benchmarks
	+ 41310 Introduction to Engineering
	+ 21006 Engineering Design
	+ 21107 Drafting/CAD
	+ 21009 Robotics I
	+ 21201 Foundations of Electronics
	+ 41320 Principles of Applied Engineering
	+ 21007 Engineering Design and Development
	+ 21008 Digital Electronics
	+ 21010 Computer Integrated Manufacturing
	+ 21012 Civil Engineering and Architecture
	+ 21015 Particular Topics in Engineering
	+ 21053 Emerging Technologies
	+ 41350 Project Management
	+ 41355 Materials Science and Engineering
	+ 21048 Workplace Experience
	+ 41048 Workplace Experience in Engineering