



To: Members of the State Board of Education  
From: Amanda McCammon, Chief, Workforce and STEM Alliance  
Stefany Deckard, State Director of Career and Technical Education  
Date: December 12, 2018  
Re: Course Additions to CTE Pathways

**Background:**

After extensive staff review of 680 courses in 64 pathways, it is recommended that the following CTE courses be added to the existing pathways identified on the DOE’s Graduation Pathways website to ensure that all currently funded, state-approved, or academically related CTE courses are made available to students and schools as viable options to fulfill the CTE concentrator pathway option for graduation cohorts grandfathered under the Perkins IV concentrator definition.

**Recommendation:**

The Career and Technical Education staff recommends the following additions be made to the approved CTE Pathways:

<u>Courses</u>	<u>Category of Course</u>	<u>Cluster/Pathways to be added to:</u>
Robotics Design and Innovation	Introduction	Manufacturing/Advanced Manufacturing; Manufacturing/Electronics; STEM/Engineering
Industrial Automation and Robotics I and II	High Value	Manufacturing/Advanced Manufacturing
Introduction to Entrepreneurship	Introduction	Business and Marketing/ Entrepreneurship & Management, Entrepreneurship Focus
Supervised Agricultural Experience <sup>1</sup>		Add to all Agriculture Pathways
Introduction to the Energy Industry	Introduction	Architecture and Construction/Electrical; Agriculture/Natural Resources

<sup>1</sup> Currently funded for summer school reimbursement only

PLTW Principles of Biomedical Sciences PLTW Human Body Systems PLTW Medical Interventions PLTW Biomedical Innovation	High Value	Add all four courses to the Health Sciences/Nursing pathway.
AP Computer Science Principles*	High Value	Information Tech/Computer Science
AP Computer Science A**	High Value	Information Tech/Computer Science

\*AP Computer Science Principles should be offered as an interchangeable course with Computer Science I. It is recommended that students enroll in only one of these two courses.

\*\*AP Computer Science Principles should be offered as an interchangeable course with Computer Science II. It is recommended that students enroll in only one of these two courses.