Standards: The industrial technology curricula was aligned to the latest version of standards within each content including Standards for Technological Literacy, Missouri Learning Standards, and the Next Generation Science Standards.

Rationale: It is critical for students today to engage in learning that is relevant, rigorous, and rewarding. In addition to engaging in learning that is cognitively demanding and challenging, students need to be able to apply their knowledge and skills across contents and contexts within the school environment, and more importantly in the "real world." For it is when this application extends outside the boundaries of the school, that interest, relevance, and value are maximized.

While the curriculum is designed to support the transference of knowledge and skills, district staff working together must learn and work to provide authentic and engaging learning opportunities for students. As they engage in such learning within the Industrial Technology curricula, a priority will be placed on ensuring students are given learning opportunities that challenge them to use technical, technological, problem-solving, and collaborative skills in order to solve real-world problems.

Course Changes: Renewable Energies was the only new course added at this time. The course was written to provide students with the opportunity to engage in relevant learning in the area of sustainability including how to apply their learning personally and professionally.

Items of note: The following is an item of note regarding the industrial technology curricula:

- The curricula for Introduction to Robotics and Advanced Robotics were added to Industrial Technology since the last time the entire curriculum was written.