

ESTACADA SCHOOL DISTRICT
BOARD AGENDA
SUPPORTING DOCUMENT

Regular Meeting of April 9, 2025

ITEM: 2024-25 CTE Curriculum Materials

PREPARED BY: Jennifer Behrman

TYPE OF ITEM: Action

BACKGROUND INFORMATION:

The selection of instructional materials for our Career and Technical Education (CTE) pathways was driven by guidance from state and regional partners, alignment with district priorities, and feedback from educators and industry leaders. We began by identifying the conditions for high-quality CTE programs and studying effective models in other districts.

We engaged CTE teachers and staff to understand current limitations and needs, and we met with local business partners to learn what skills, mindsets, and experiences best prepare students for the workforce. A common theme emerged: students lacked access to strong introductory experiences and foundational skills, which are essential for progressing to advanced learning.

To address these gaps, we prioritized materials that blend theory with hands-on practice, support structured skill development, and include both student and instructor supports. Given the size and complexity of equipment in fields like manufacturing, electrical systems, and automotive technology, it was essential to ensure that all students could participate in hands-on learning—not just observe.

Ready-made units of study were identified as the most effective solution for building foundational skills and meeting industry standards.

- For Manufacturing, we selected Amatrol Ignite Courses 1, 2, and 5, which offer a strong balance of technical knowledge and practical application.
- For Electrical Systems, we also chose Amatrol Ignite, allowing shared curriculum between the manufacturing and electrical programs. Only additional trainers are required to ensure equitable student access.
- For Transportation and Diesel Technology, we selected LJ Creates, which offers modular content tailored to the automotive industry, combining real-world application with scalable instruction.

FINANCIAL INFORMATION:

Manufacturing (Amatrol Ignite Courses 1 & 2) includes approximately \$161,396.00 for Level 1 implementation, \$52,813.00 for Level 2, and \$35,240.00 in additional costs for the site license, shipping, and instructor training.

Electrical Systems (Amatrol, shared curriculum with Manufacturing) includes approximately \$60,789.00 for Level 1 implementation and \$2,330.00 in additional costs for extra trainers to ensure equitable access.

Transportation and Diesel Technology (LJ Creates) includes approximately \$60,208.00 for Level 1 implementation, \$25,110.00 for Level 2, and \$18,645.00 in additional costs for curriculum licensing, shipping, and instructor training.

The total estimated cost is **\$416,541.00**, with the possibility of an increase for additional equipment or enrollment growth not to exceed \$15,000.

RECOMMENDATION: To approve the committee's recommendation to purchase instructional materials for CTE pathways and approve our use of Amatrol Ignite for Manufacturing and Electrical Systems and LJ Creates for Transportation and Diesel Technology as our adopted instructional materials to support program implementation and student skill development.