

Innovation Proposal: Vertical Flight Simulator

Cedar Valley High School

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Proposed Innovation

The Flight Simulator course will give students hands-on experience, training, and knowledge in preparation for the real-world experience of flying. In the simulator, students will receive instruction from a Certified Flight Instructor. They will learn skills such as takeoffs, climbs, turns, descents, landing, navigating, and more, in a safe, low-stress, and cost-effective manner.

Purpose and Potential

Through immersive experiences with rotor simulators, aspiring pilots will be engaged and excited for both fixed-wing and rotor aviation careers. Adding two more rotor simulators will further enrich students' experiences, motivating them to excel in the demanding coursework required for their associate's degree in aviation science and CTE Aviation pathway certificates.

Courses Include

an in-person classroom setting on campus in an A or B-day rotating schedule as well as enhanced learning opportunities through advanced flight simulation techniques.

Student Outcomes

will be measured through formative and summative assessments to track growth measurements and student progress.

Funding

Grant funding will be used for the purchase and operation of a flight simulator.

Under House Bill 386, Local Education Agencies can approve up to \$5,000 in grant funding for innovation programs. The innovation outlined here is one example that has been approved for implementation. Learn more at schools.utah.gov/ulead