



EKU Dual Credit

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FLIGHT AND AERONAUTICS CAREER PATHWAY

CIP 49.0102.00

PATHWAY DESCRIPTION: Students will complete what is considered the first phase of aviation training leading to a commercial pilot license. They will gain technical knowledge and skills to the flying and/or navigation of commercial passenger and cargo, agricultural, public service, corporate aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft.



EXAMPLE ILP-RELATED CAREER TITLES Aerospace Engineer * Aerospace Technician * Private Pilot * Commercial Pilot * Crew Chief * Flight Instructor * Commercial Aviator * Military Aviator * Military Navigator

The complete descriptions for 2019-2020 Kentucky Department of Education Career Pathways can be found at: https://education.ky.gov/CTE/ctepa/Documents/2019-2020_CTE_POS.pdf. Please see page 377 for the Flight and Aeronautics pathway. It is the responsibility of each school district to contact the Kentucky Department of Education in order to complete Career Pathway Request process. For more information on this process, please visit: <https://education.ky.gov/CTE/ctepa/Pages/default.aspx>.

EKU Aviation Online Dual Credit Career Pathway Supporting Classes



AVN 150 Introduction to Aviation. (3) Fall Semester Course

KDE Course number: 210234

An introductory course specifically designed for students to obtain a broad understanding of the aviation world including varying aspects of space exploration. Includes a study of aviation history and the general aviation environment.



AVN 170 Intro to Unmanned Aircraft Systems. (3) Spring Semester Course

KDE Course number: 210251

This course provides an introduction to Unmanned Aircraft Systems (UAVs). A history of UAS, typical applications and an overview of regulations, airframe and powerplant systems, sensors, ground control stations, airspace, weather, and other foundational skills needed to safely operate UAS in the U.S. airspace systems will be covered.

EKU Aviation

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