Oklahoma State University
Doctor of Education in Applied Educational Studies
Specialization: Aviation & Space

The Doctor of Education (EDD) in Applied Educational Studies with the Aviation & Space Specialization emphasizes leadership, executive development, administration of aviation/aerospace companies, public policy issues, aerospace proposal and acquisitions, risk management/assessment principles, security and safety technologies, laws and regulations affecting the aviation/aerospace industry, historical foundation of the aviation/aerospace industry, politics and economics of the aviation/aerospace industry, development of air and space flight, airport administration and operations, theory-based and research-based problem solving, quantitative and qualitative research methods, and clinical (internship) experiences in the aviation/aerospace industry.

The Aviation & Space Program (AVED) seeks doctoral candidates with strong intellects, proper educational preparation, breadth and depth of aviation and space experiences and the capacity for disciplined investigations. The scope of this doctoral degree program is designed to prepare professional leaders for decision-making positions in the aviation/aerospace industry, as well as prepare future faculty members to instruct aviation/aerospace content within the higher education institution.

MISSION STATEMENT
The mission of Aviation & Space Program has three essential components:

- Cultivate exemplary graduate instruction through a professional atmosphere in which students learn, develop, promote integrity, and contribute to the broader aviation/aerospace community.
- Engage in applied aviation/aerospace research and scholarly initiatives that benefit industry, government, and the public.
- Provide leadership, expertise, and professional development opportunities for aviation/aerospace professionals and the aerospace industry, and to promote a greater understanding of aviation/aerospace among the general public.

STUDENT LEARNING OUTCOMES
1. EDD graduate students will be able to analyze and evaluate scholarly information covering a broad spectrum of aviation/aerospace topics and present their findings and conclusions in well-ordered written and oral presentations that accurately assesses the meaningfulness of each topical area.

2. EDD graduate students will select a special area of interest in aviation/aerospace, thoroughly investigate the current research in this area, and produce a well-researched and well-written doctoral dissertation that enriches to the body of knowledge within the aviation/aerospace environment.
APPLICATION PROCESS

- All students will need to sign up for a student account with CollegeNET (the online application platform used by the OSU Graduate College) before completing an OSU Graduate College Application for Admission. The CollegeNET application is found at the following OSU Graduate College website, https://www.applyweb.com/oksugrad/

- The CollegeNET online application will collect all required documents for admission review. These documents include: (1) MAT or GRE scores, (2) current resume/CV, (3) personal statement, (4) two letters of reference, and (4) transcripts from all college-level coursework.

- There is nothing the student has to mail to Oklahoma State University during the application/admission process.

- An earned and confirmed Master’s degree and a minimum 3.0 grade point average (GPA) in all completed graduate or professional coursework is required for unqualified admission to the Doctor of Education degree program. Prospective students with a GPA between 2.5 and 3.0 may be admitted on a probationary basis.

APPLICATION DEADLINE AND REVIEW SCHEDULE*

- **June 1**: For enrollment in Fall Semester
- **October 1**: For enrollment in Spring Semester
- **March 1**: For enrollment in Summer Semester

*Complete applications must be approved by the OSU Graduate College by these dates.

- Only after submitting an online application with all required documents and paying the application fee is the student’s application considered “complete” for the Aviation & Space faculty to review and make an admission recommendation.

- Admission decisions are usually made within three to four weeks of the application deadline. Admission decisions are based on appropriate academic, scholarly, and research alliance among the student, the faculty and the focus of the EDD degree program. Available resources and current enrollment within the EDD program will play a significant role in the admission decision. The AVED faculty will determine the number of doctoral graduate students that may be admitted at any given time.

CURRICULUM

- Coursework for the Doctor of Education (EDD) in Applied Educational Studies with the Aviation & Space Specialization will be offered every semester (spring, summer and fall). Currently, all coursework required for the EDD degree program is available online.

- Academic courses numbered 5000 and above are for graduate students. Graduate College matriculation starts when a student first enrolls as an admitted, degree-seeking graduate student. This date will be used in calculating time limits for degree completion. Students are expected to complete the requirements for the AVED EDD degree within nine years from first enrollment after admission to the graduate program. Credit for all
courses (including transfer credit) on the Plan of Study must have been awarded within ten years of completion of all degree requirements.

✔ A doctoral student may transfer more than nine credit hours if the courses in question were housed in a department or program that offers an EDD or PhD degree. Doctoral students must include a minimum of 30 hours of OSU credit on their Plan of Study.

✔ OSU awards credit as recommended by the American Council on Education (ACE), as published in “The Guide to the Evaluation of Military Experiences in the Armed Services,” for selected educational experiences provided by the armed forces. OSU also accepts credit earned through the DANTES Subject Standardized tests for active military personnel.

DOCTORAL COURSES
AVED 5463 – Aerospace Risk Assessment
AVED 5553 – Aerospace Proposal and Procurement
AVED 5573 – Aerospace Defense Acquisition
AVED 5593 – Influencing Public Policy in the Aerospace Industry
AVED 6313 – Administration of Aviation Institutions
AVED 6413 – Development of Air & Space Flight
AVED 6553 – Airline Executive Leadership
AVED 6613 – Aviation Executive Development
AVED 6883 – Doctoral Internship in Aviation & Space

(Research Core – required 12 credit hours)
AVED 6103 – Doctoral Seminar in Aerospace Education (Dissertation Process)
AVED 6303 – Application of Qualitative Methods in Aviation Research
AVED 6773 – Applied Aviation & Space Research
Three additional graduate research hours from SCFD or REMS

MAJOR EMPHASIS COURSES
AVED 5453 – Advanced Aviation Security
AVED 5563 – Aerospace Leadership & Management
AVED 5773 – Historical Significance of Aviation
AVED 5823 – Space Science
AVED 5883 – Aviation Economics
AVED 5893 – Aerospace Executive Decision Making
AVED 5963 – Airport Operations
AVED 5973 – Aerospace Law
AVED 5993 – Ethics in Aviation

DOCTORAL DISSERTATION
AVED 6000 – Doctoral Thesis

For further information, please contact the AVED Graduate Studies Coordinator: