Discipline

Aerodromes

Minor *«Information support of aviation systems»*

Specialities: *all specialities*

Higher Education Level	*first (bachelor)*
Status of Discipline	*selective*
Volume	150 hours / 5 credits ECTS
Language	*English*
Subject of studying	The task of studying the discipline is to study the operating characteristics of aircraft, the principles of control during take-off and landing, when in the airfield area, the principles of building an air traffic control system based on navigation, radio navigation, lighting and other airfield equipment to ensure accident-free flight control at any time year, day and night
Why it is interesting/should be studied (purpose)	The purpose of the educational discipline is to study the infrastructure of the airfield as a single system that ensures the implementation of ICAO regulatory documents in accordance with the creation of accident-free conditions for aircraft management and comfortable conditions for passengers
How to use acquired knowledge and skills (competencies)	1. The ability to carry out professional activities in the field of design and operation of avionics systems and airfield equipment responsibly, adhering to the legislative and regulatory framework, as well as state and international requirements. 2. Ability to develop and effectively operate aircraft avionics and ground systems using information technologies. 3. The ability to evaluate the technical and economic characteristics of onboard systems and avionics devices and airfield equipment systems. 4. Ability to apply knowledge of a foreign language to familiarize yourself with ICAO documentation. 5. Ability to apply knowledge in practical situations of airfield equipment operation. 6. Ability to search, process and analyze information from various sources.
Prerequisites	Prerequisites for studying this discipline: Fundamentals of navigation. Information and Measurement Devices of Avionics.
Co-Requisites	The discipline supports the following courses: Fundamentals of Air Traffic Control. Automation of Snformation Management Processes. Design of Aircraft Control Systems
Type of classes, Testing	Types of classes: lectures, laboratory classes Forms of obtaining education: full-time, part-time Forms of testing: exam

Department	301 – Aircraft Control Systems		
Faculty	№ 3 – Aircraft Control Systems		
Teacher		Name	**Halina Miroshnychenko**
		Position	Docent каф. 301
		Academic status	Docent
		Degree	Candidate of technical sciences
		e-mail	h.miroshnychenko@khai.edu
Links to electronic course materials	https://drive.google.com/drive/folders/10sAYmKlmXxTPoVx8znUdkIa9LMj5JYRt		
Link to the work program (syllabus)			