



ROMÂNIA
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII
UNIVERSITATEA DIN CRAIOVA
FACULTATEA DE INGINERIE ELECTRICĂ

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NUMELE DISCIPLINEI: CALCULATOARE DE BORD	COURSE NAME: ON BOARD COMPUTERS
DATE GENERALE	GENERAL INFORMATION
Program de studii: ECHIPAMENTE SI INSTALATII DE AVIATIE Anul: IV Semestrul: I Credite ECTS: 4 Tipuri de activități: Curs, Laborator Tip evaluare: Verificare Titular: Conf.dr.ing. Liviu Dincă	Study Program: AVIATION EQUIPMENTS AND INSTALLATIONS Year: IV Semester: I ECTS Credits: 4 Types of activities: Lecture, Laboratory Assessment: Verification Lecturer: Conf.dr.ing. Liviu Dincă
SCOPUL DISCIPLINEI	COURSE PURPOSE
Studentul trebuie sa cunoasca structura si modul de functionare al principalelor sisteme computerizate de bord	The student has to know the structure and functioning of the main on board computerized systems
CERINȚE PREALABILE	PREREQUISITES
Programarea calculatoarelor si limbaje de programare, Electronica, Echipamente de bord cu prelucrare digitala, Echipamente de bord si navigatie aeriana, Teoria si constructia aparatelor de bord	Computer programming and programming languages, Electronics, On board equipment with digital processing, On board equipments and air navigation
OBIECTIVE	OBJECTIVES
• Obiectiv 1: Cunoasterea capabilitatilor si modului de functionare a principalelor sisteme computerizate de bord • Obiectiv 2: Dobandirea de abilitati de a rezolva probleme practice de complexitate medie legate de principalele sisteme computerizate de bord	• Objective 1: Knowledge of the capabilities and functioning of the main computerized systems on board • Objective 2: Acquiring skills to solve practical applications with medium complexity concerning the main computerized systems on board
CONȚINUT CURS	LECTURE CONTENT
1. Sisteme electronice de instrumentatie 2. Magistrale de date 3. Structura calculatoarelor de bord 4. Sisteme computerizate specifice de aviatie	1. Instrumentation electronic systems 2. Data busses 3. On board computers structure 4. Aviation computerized computers
METODE DE EVALUARE	EVALUATION METHODS
Verificare	Verification
COMPETENȚE DOBÂNDITE	ACQUIRED COMPETENCIES
• Studentul cunoaste structura si functionarea sistemelor computerizate de bord si are capacitatea de a rezolva probleme de complexitate medie legate de sistemele computerizate de bord • Studentul poate evalua critic diferite variante de sisteme computerizate de bord	• The student knows the structure and functioning of the computerized on board systems and has the skills to solve medium complexity problems concerning its. • The student has the competence to critically evaluate different versions of computerized on board systems
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