

Istituto di Istruzione Superiore 'Scano'
 Sede di Monserrato
 anno scolastico 2024-2025
 indirizzo: Trasporti e logistica
 articolazione: Conduzione del mezzo aereo
 classe 5B TL
 materia: inglese
 insegnante: Anna Maria Murtas
p r o g r a m m a

CONTENUTI

General English	Grammar	verbs: past perfect, present conditional tense, past conditional tense verbs: passive voice: present continuous, present perfect, modals verbs: TO-infinitive, ING-form modal verbs: CAN - COULD - MAY - MIGHT - MUST 1 st , 2 nd , 3 rd conditionals non-defining relative clause WISH
	Vocabulary	money travel art and literature
	Functions	making deductions making hypotheses expressing wishes expressing regret making recommendations expressing ability having a job interview writing a CV
Civilization		Irish writers Antarctic exploration Black Friday
English in Aeronautics	Airframe	axes (longitudinal axis, lateral axis, vertical axis) movements (roll, pitch, yaw) control surfaces (ailerons, elevators, rudder): where they are how they work
	Propulsion system	heat engine external combustion engine, internal combustion engine, rocket engine: distinctive features reciprocating engine, gas-turbine engine: power cycle distinctive features requirements
	Flight instruments	horizontal airspeed, vertical speed, height pitot-static system ASI, VSI, altimeter: information provided what they look like how they work attitude around the horizontal and lateral axes, attitude around the vertical axis, direction gyroscope artificial horizon, turn coordinator, directional gyro: information provided what they look like how they work EFIS: how information is presented

	Navigation	<p>VFR: conditions required (VMC) sectors where it is prevails pilotage: what the pilot does instruments required dead reckoning: what the pilot does instruments required</p> <p>IFR: conditions requiring it (IMC) sectors where it prevails NDB + ADF: information provided radio wave frequency VOR: information provided radio wave frequency DME: information provided radio wave frequency GPS: information provided satellites involved ILS and MLS: when they are used</p>
Civics	SDG 16: peace, justice and strong institutions	<p>cold war nuclear weapons: effects: blast effects thermal radiation effects history: development and use in WW2 proliferation and efforts to limit them</p> <p><i>Doctor Strangelove</i></p>

STRUMENTI

testo adottato: Elizabeth Sharman, *Identity BI to BI+*, OUP, 2019

testo adottato: Raffaele Polichetti - Raffaella Beolè, *English in Aeronautics*, Loescher, 2019