

**ITALIAN JOINT AIR OPERATIONS SCHOOL (ItaJAOS)  
Guidonia (Rome)**



<b>COURSE NAME</b>	AIR TO SURFACE INTEGRATION (ATOSI) COURSE
<b>PURPOSE OF THE COURSE</b>	<p><b>PURPOSE OF THE COURSE</b> THE COURSE IS DESIGNED TO PREPARE PERSONNEL FOR DUTIES RELATED TO AIR-TO-SURFACE INTEGRATION (ATOSI). ROOTED IN NATO DOCTRINE, CONCEPTS AND OPERATIONAL PRACTICES, IT PROVIDES A TAILORED TRAINING SOLUTION IN SUPPORT OF THE REQUIREMENT AUTHORITY (RA) AND THE DEPARTMENT HEAD (DH) FOR THE AIR DISCIPLINE.</p> <p>IN LINE WITH THE OUTCOMES OF THE ANNUAL DISCIPLINE WORKING GROUP (DWG), THE COURSE ADDRESSES PERFORMANCE STATEMENTS (PS) THAT EMPHASIZE JOINT ACTIVITIES, WITH PARTICULAR FOCUS ON THE PROVISION OF AIR SUPPORT AT THE NATO OPERATIONAL LEVEL OF COMMAND. SPECIFIC ATTENTION IS DEVOTED TO THE UNDERSTANDING AND APPLICATION OF REQUIREMENTS FOR EFFECTIVE AIR SUPPORT INTEGRATION IN MULTI-DOMAIN OPERATIONS (MDO), INCLUDING THE PROCEDURES CONDUCTED WITHIN A JOINT FORCE AIR COMPONENT (JFAC) TO COORDINATE AND SYNCHRONIZE AIR OPERATIONS.</p>
<b>COURSE DESCRIPTION AND CONTENT</b>	<p><b>COURSE DESCRIPTION:</b> GRADUATES MAY BE EMPLOYED WITHIN NATO OPERATIONAL COMMANDS, PARTICULARLY IN LIAISON ORGANIZATIONS AND COORDINATION ELEMENTS ACTIVATED DURING OPERATIONS, AT THE FOLLOWING LEVELS:</p> <ul style="list-style-type: none"> <li>- JOINT FORCE COMMAND (JFC) / JOINT TASK FORCE (JTF), INCLUDING THE AIR COMPONENT COORDINATION ELEMENT (ACCE).</li> <li>- AIR COMPONENT COMMAND (ACC), ACTING AS JOINT FORCE AIR COMPONENT COMMAND (JFACC) WHEN DESIGNATED, WITH LIAISON ELEMENTS TO LAND, MARITIME AND SOF (LLE, MLE, SOLE), AS WELL AS BATTLEFIELD COORDINATION ELEMENT (BCE/BCD) AND MARITIME COORDINATION ELEMENT (MCE).</li> <li>- LAND COMPONENT COMMAND (LCC), ACTING AS JOINT FORCE LAND COMPONENT COMMAND (JFLCC) WHEN DESIGNATED, WITH AIR LIAISON ELEMENTS (ALE) AND SUBORDINATE AIR OPERATIONS COORDINATION CENTRE – LAND (AOCC-L).</li> <li>- MARITIME COMPONENT COMMAND (MCC), ACTING AS JOINT FORCE MARITIME COMPONENT COMMAND (JFMCC) WHEN DESIGNATED, WITH ALE AND SUBORDINATE MARITIME AIR OPERATIONS CENTRE (MAOC) AND AIR OPERATIONS COORDINATION CENTRE-MARITIME (AOCC-M).</li> <li>- SPECIAL OPERATIONS COMPONENT COMMAND (SOCC), ACTING AS JOINT FORCE SPECIAL OPERATIONS COMPONENT COMMAND (JFSOCC) WHEN DESIGNATED, WITH ALE.</li> </ul>
<b>COURSE CONTENT:</b>	<p>ONLINE PREPARATION (UNDER DEVELOPMENT, SUBJECT TO REFINEMENT)</p> <ul style="list-style-type: none"> <li>- INTRODUCTION TO NATO (HISTORY, ORGANIZATION, C2 STRUCTURE).</li> <li>- FUNDAMENTALS OF OPERATIONAL-LEVEL DECISION-MAKING AND PLANNING (NATO OPP).</li> </ul>

	<ul style="list-style-type: none"> <li>- FUNDAMENTALS OF CARTOGRAPHY AND METEOROLOGY, INCLUDING WEATHER EFFECTS ON OPERATIONS.</li> <li>- OVERVIEW OF NATO MESSAGING (APP-11).</li> </ul> <p>DURATION: TWO WEEKS (10 WORKING DAYS), TO BE COMPLETED PRIOR TO THE RESIDENTIAL PHASE.</p> <p>RESIDENTIAL PHASE (UNDER DEVELOPMENT, SUBJECT TO REFINEMENT)</p> <ul style="list-style-type: none"> <li>- DECISION-MAKING AND PLANNING PROCESSES AT JFC AND COMPONENT COMMAND LEVEL (ACO DIR (AD) 080-065).</li> <li>- MAIN OPERATIONAL DOCUMENTS (COPD V3.0, JAN 2021 – AJP-5 EDA V2).</li> <li>- NATO AIRSPACE MANAGEMENT (AJP-3.3.5).</li> <li>- JOINT TARGETING FUNDAMENTALS (AJP-3.9).</li> <li>- NATO DOCTRINE ON JOINT AIR OPERATIONS (ATP-3.3.2.1D / AJP-3.1).</li> <li>- NATO DOCTRINE ON AIR CONTRIBUTION TO MARITIME OPERATIONS (AJP-3.3.3).</li> <li>- DRAFTING OPERATIONAL R&amp;R AND MESSAGES (APP-11).</li> <li>- OVERVIEW OF NATO REFERENCE TABLES ON AIR, LAND, AND MARITIME ASSETS AND CAPABILITIES IN JOINT OPERATIONS.</li> </ul>
<b>COURSE DURATION</b>	<ul style="list-style-type: none"> <li>- ONLINE PHASE: TWO WEEKS (10 WORKING DAYS - BEFORE RESIDENTIAL PHASE);</li> <li>- RESIDENTIAL PHASE: ONE WEEK (5 WORKING DAYS) FOR NATO AND PFP INTERNATIONAL STUDENTS;</li> <li>- ONE COURSE PER YEAR.</li> </ul>
<b>TOTAL NUMBER OF SEATS</b>	- Maximum: 10.
<b>COURSE ELIGIBILITY</b>	<p>OFFICERS: OF-1 TO OF-5  NCOS: OR-4 TO OR-9  MANDATORY PRE-REQUISITES:</p> <ul style="list-style-type: none"> <li>- NPSCC (NATO PERSONNEL SECURITY CLEARANCE) AS NS;</li> <li>- MINIMUM ENGLISH LANGUAGE SKILLS – PROFICIENCY AS 2222 (IAW STANAG 6001).</li> </ul> <p>DESIRABLE PRE-REQUISITES:</p> <ul style="list-style-type: none"> <li>- PREVIOUS ATTENDANCE OF A FLIGHT PILOT (FW – RW) COURSE;</li> <li>- JTAC QUALIFIED (OR TACP MEMBER) OR SPECIAL FORCES OPERATOR;</li> <li>- PREVIOUS ATTENDANCE OF A NATIONAL COURSE RELATED TO AIR OPS AND/OR FIRE SUPPORT EXPERIENCE IS PREFERRED.</li> <li>- PREVIOUS EXPERIENCE IN OPERATIONS, BASIC KNOWLEDGE OF THE NATO CRO OPERATIONS PLANNING PROCESS (OPP), BASIC KNOWLEDGE OF THE JOINT INTELLIGENCE SURVEILLANCE &amp; RECONNAISSANCE (JISR).</li> </ul>
<b>COURSE AUDIENCES</b>	COURSE IS OPEN TO ACTIVE DUTY STUDENTS FROM NATO AND PFP NATIONS ONLY.
<b>ACCOMMODATION AND MEAL PLAN</b>	<p><b>ACCOMMODATION:</b>  ON REQUEST, SINGLE ROOM IN THE MILITARY HOUSING OR AT HOTELS WITH WHICH THE SCHOOL HAS AN AGREEMENT WITH REDUCED COSTS FOR THE STUDENTS. SINGLE ROOM IN THE MILITARY HOUSING € 11,00 CA. PER DAY.</p> <p><b>MEAL PLAN:</b>  LUNCH AND DINNER ARE AVAILABLE AT THE BASE CANTEEN.</p>
<b>TUITION</b>	<p><b>€ 321,45 FOR EACH STUDENT.</b>  <b>COSTS FOR MEALS AND LODGING NOT INCLUDED.</b></p>
<b>NOTE</b>	E-learning phase and EX-ANTE test will be supported by LEARNING MANAGEMENT SYSTEM (LMS) <i>MOODLE</i> PLATFORM online.