ETECube® COURSES

ETECube® Courses

Code	Topics	Duration (days)
OB001	Joint Force Development Fundamentals	5
OB002	Exercise Wargame Experimentation Planners	5
OB003	Objectives and Flow Management	5
OB004	Setting Scenario Development	5
OB005	Modelling and Simulation Basics	10
OB006	hymots® Database Developers and Users	10
OB007	nginr® Database Developers and Users	10
OB009	Map & Geo Data Requirements and Standards	5
OB010	STRATCOM & Media Engagement	5
OB011	LEGAD and POLAD Roles and Responsibilities	5
OB012	CIS Planner Roles and Responsibilities	5
OA001	Project Management	5
OA002	Advanced Modelling and Simulation	10
OA003	Support to Defense Planning Process	5
OA004	Support to Capability Package Management Process	5
OA005	Support to Concept Development and Experimentation Process	5
OA006	Joint Intelligence Surveillance Reconnaissance Data Processing and Fusion	10
OA007	Exercise Database Preparation	10

- **Course OB001 Joint Force Development Fundamentals:** The course provides an abstract coverage of the military processes for joint force development, including defense planning, concept development and experimentation, capability package management, education and training. Then, the joint warfare and training center roles and responsibilities related to the joint force development are explained.
- **Course OB002 Exercise Wargame Experimentation Planners:** Education Training Exercise Experimentation Evaluation (ETE3) processes are focused with an ETE3 planner perspective in this course.
- **Course OB003 Objectives and Flow Management**: The course elaborates on the principles, procedures and best practices in analyzing exercise, training and experimentation objectives and developing main incident lists that provide the conditions for the training/experimentation objectives.

- Course OB004 Setting and Scenario Development: The content of settings and scenarios are explained, then the principles, procedures and best practices to develop settings and scenarios that provide the conditions for the exercise/training/experimentation objectives.
- Course OB005 Modelling and Simulation Basics: The fundamentals of modelling and simulation including statistics, probability theory and randomization are explained. Then military simulation systems are categorized and an insight into each category is provided.
- Course OB006 hymots® database developers and users training: The training is provided for the hymots® database developers and users.
- Course OB007 nginr® database developers and users training: The training is provided for the nginr® database developers and users.
- Course OB009 Map and Geo Data Requirements and Standards: Military maps and charts including air and naval charts are introduced. Imageries used in support of military operations are explained. Geo data standards for raster maps, digital elevation data and three-dimensional models are explained.
- Course OB010 STRATCOM and Media Engagement: The principles and best practices related to strategic communications (STRATCOM) and media engagement are explained with a joint warfare and training center planner and exercise control staff perspective.
- Course OB011 LEGAD and POLAD Roles and Responsibilities: The roles and responsibilities of legal advisors (LEGAD) and political advisors (POLAD) to an operational level combined joint task force commander are explained with a joint warfare and training center planner and exercise control staff perspective.
- Course OB012 CIS Planner Roles and Responsibilities: An insight into the roles and responsibilities of communications and information systems (CIS) planners in planning, preparing and executing a joint warfare and training center event is provided.
- Course OA001 Project Management: The project management in the framework of Prince 2 is explained. Issue, risk, resource and quality management procedures are focused.
- Course OA002 Advanced Modelling and Simulation: Advanced data analytics schemes are explained in addition to simulation interoperability concepts and standards including Distributed Interactive Simulation (DIS), High Level Architecture (HLA) and Modelling and Simulation as a Service (MSaaS).
- Course OA003 Support to Defense Planning Process: Experimentation analysis and assessment techniques applicable in support of Defense Planning are explained by using tools and procedures available to a joint warfare and training center.
- Course OA004 Support to Capability Package Management Process: Experimentation analysis and assessment techniques applicable in support of Capability Package Management are explained by using tools and procedures available to a joint warfare and training center.

- Course OA005 Support to Concept Development and Experimentation Process: Experimentation analysis and assessment techniques applicable in support of Concept Development are explained by using tools and procedures available to a joint warfare and training center.
- Course OA006 Joint Intelligence Surveillance and Reconnaissance Data Processing and Fusion: The challenges in processing and fusing joint intelligence surveillance and reconnaissance data is explained with a focus on big data coming from measurement signature and open source intelligence sources. The technologies and schemes to tackle with big data are focused on.
- Course OA007 Exercise Database Preparation: The database design and preparation process in the context of computer assisted exercises and experimentation is explained. Then, the user training for the tools to build the database of the constructive simulation system available to JWTC is given.