

AL SEER MARINE  
TRAINING INSTITUTE



معهد الصير  
مارين للتدريب البحري

ACTVET

Abu Dhabi Centre for  
Technical and Vocational  
Education and Training | مركز أبوظبي  
للتعليم والتدريب  
التقني والمهني

# AL SEER MARINE TRAINING INSTITUTE COURSES CATALOGUE



## UNMANNED SURFACE VESSEL (USV) COURSES

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
1	<b>Hydra 3m USV</b>	To train 3 m USV operators how to plan and control the Hydra USV.	Anyone who has recently purchased the Hydra. No previous experience in USV's required.	Rules of the Road Basic Maritime knowledge USV Control Systems Basic maintenance	18 Hours
2	<b>Triton 6m USV</b>	To train 6 m USV operators how to plan and control the Triton USV.	Anyone who has recently purchased the Triton. No previous experience in USV's required.	Rules of the Road Basic Maritime knowledge USV Control Systems Basic maintenance	30 Hours
3	<b>USV Coxswain Course</b>	To train coxswains how to drive an 11 m USV remotely. Program and execute pre planned routes and monitor sensor information.	Experienced boat drivers (min of 2 years) who are converting to USV's as their job role.	User interface Menus Autopilot functions Control plans Geofencing Maneuvering	60 Hours
4	<b>USV Commander Course</b>	To train USV commanders how to plan and execute missions.	From civilian survey USV's to Military commanders who are assuming command of a USV.	Systems overview Command and control Communications Missions Reporting	30 Hours
5	<b>USV Maintenance Course</b>	To train support teams to maintain USV's.	Technical tradesmen who are employed to maintain USV's.	Electrical, Mechanical, Software & Comms Troubleshooting	90 Hours

## UNMANNED GROUND VEHICLE (UGV) COURSES

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
1	<b>UGV Operators Course</b>	To train UGV operators how to plan and control the operation of a UGV.	Anyone who will have the responsibility of driving the UGV remotely. Preferably software astute individuals. Max 4 students per course.	Pre & Post checks Control Software Route Planning and Navigation Driving in all terrains Maintenance	60 Hours
2	<b>UGV Advanced Maintenance Course</b>	To train maintenance crews how to service and maintain UGV and GCS.	Anyone with a mechanical or electrical background who will be responsible for maintaining the UGV's. Max 4 students per course.	Mechanical Systems Electrical Systems Software and Communications Troubleshooting and Fault Finding	18 Hours
3	<b>UGV Payload Specific Course</b>	To train UGV Systems Operators how to operate the specific mounted payloads and sensors.	Anyone who will part of a UGV crew and responsible for operating all systems except driving. Max 4 students per course.	Surveillance Systems Weapons Sensors CBRN Firefighting	30 Hours

# MILITARY COURSES

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
1	<b>Basic Military Boat Operators Course</b>	To train military personnel in a variety of in-service craft .	Any military personnel requiring training in maritime operations.	Craft handling, sea survival, basic navigation.	60 Hours
2	<b>Advanced Military Boat Operators Course</b>	To train military personnel to an advanced level of maritime operations.	Students from the Basic Course or experienced students/units requiring more in depth / specialized training.	Rough sea handling. Advanced towing/recovery. HVA protection. Advanced navigation.	60 Hours
3	<b>Force Protection and High Value Asset Static &amp; Dynamic Course</b>	To train experienced military operators in advanced techniques for asset protection.	Students from the advanced course or experienced students/ units wishing to adopt advanced asset protection skills.	Multiple craft operations. Teamwork and communications. Skills enabling the protection of a moving or static HVA vessel along with fixed critical infrastructure.	60 Hours
4	<b>Search and Rescue Course</b>	To teach the fundamentals of search and rescue at sea.	Students from the advanced course or experienced students/ units wishing to adopt the specific skills.	Communications at sea. Search and rescue patterns. Teamwork. Casualty recovery and transport. 1st aid.	18 Hours
5	<b>Maritime Interdiction</b>	To train experienced operators in the techniques of ship boarding operations.	Experienced maritime operators.	Advanced navigation. Target recognition. Operations at night. High speed pacing techniques. Use of equipment to board a vessel. Rough weather handling.	18 Hours

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
6	<b>Maritime Raiding Operations &amp; Amphibious Landings Course</b>	To teach the techniques of over the horizon operations, covert and overt.	Experienced maritime operators/ units wishing to adopt the specific skills.	Covert small craft raiding operations. Logistical move by sea of military equipment to a beach head.	30 Hours
7	<b>Boomeranger Operators Course</b>	To train coxswains the use of the boomeranger RHIB.	2 Years Coxswains experience.	Conversion to type Boat Handling High speed maneuverer	30 Hours
8	<b>Outboard Engine Maintenance Course Level 1</b>	To train students how to carry out basic engine maintenance.	Anyone who is responsible for maintaining outboard engines or boat owners.	Pre & Post Checks Engine Operation Oils & Lubes	12 hours
9	<b>Outboard Engine Maintenance Course Level 2</b>	To train students how to carry out basic engine maintenance.	Boat owners and maintenance crews.	Preventative maintenance Servicing Fault finding	12 hours
10	<b>Landing Craft Operators Course</b>	To train military coxswains to operate a landing and raiding craft in an operational environment.	Experienced Coxswains, min 4 years.	Tactical insertion of vehicles, equipment and troops Mechanical and Electrical Systems Damage Control & Firefighting	120 Hours
11	<b>Landing Craft Beach Operations</b>	To train a military team in Beach Head Operations.	Competent crews and specialized individuals to make up the team.	Beach Reconnaissance Beach Head procedures	120 Hours

## MANNED BOAT COURSES

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
1	<b>Federal Transport Authority (FTA) Power Boat Level 2 Driving Course</b>	To train students how to drive a boat for leisure less than 12 meters to obtain a license in accordance with UAE law.	Anyone with little or no previous experience in boat driving but wish to buy or rent a boat and drive it for leisure purposes.	Safety and theory training Boat handling & maneuvering Practical exercises FTA License testing	16 hours
2	<b>Waterjet Powered Boat Handling Course</b>	To train how to drive a boat powered by waterjets.	Existing boat drivers with experience of driving a powerboat with outboard engines and wish to convert to driving vessels with waterjet propulsion.	Launch and recovery Driving to and from a jetty Waterjet maneuverability Basic Maintenance	30 hours
3	<b>Leisure Boat Maintenance Course</b>	To train boat drivers and crews how to safely maintain their vessel.	Anyone who rents or owns a small boat for leisure purposes.	Weekly and monthly maintenance Pre-launch checks and procedures Underway checks Emergency procedures Post recovery checks and servicing	18 Hours

## MISCELLANEOUS COURSES

SER	COURSE TITLE	AIM	WHO SHOULD ATTEND	OBJECTIVES / CONTENT	DURATION
1	<b>Instructor course</b>	To train students to be employed as Instructors, apply all aspects of instructional techniques.	Personnel who are about to, or recently been employed as instructors.	Principles of instruction Plan and Conduct a Theory lesson Plan and Conduct a Practical Lesson	60 Hours
2	<b>Systems Approach to Training (SAT) – Job Analysis</b>	To train students how to conduct a Job Analysis.	Personnel who are about to, or recently been employed as analysts.	Training Needs Analysis Scoping Studies Job Scalars Job Performance Training Performance Statement	60 Hours
3	<b>SAT – Course Design Course</b>	To train students how to design training for the job.	Personnel who are about to, or recently been employed as course designers.	Methods & Media analysis Syllabus Programming	60 Hours
4	<b>SAT – Validation of Training</b>	To train students on the internal & external validation process.	Personnel who are about to, or recently been employed as validation staff.	Analysis of data Trend analysis Improvement and implementing change	30 Hours
5	<b>SAT – Managers Course</b>	To provide students with an underpinning knowledge of the SAT methodology.	Anyone who supervises personnel working on the SAT processes.	Job Analysis Training Design Training Conduct Training Evaluation	18 Hours

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