OS

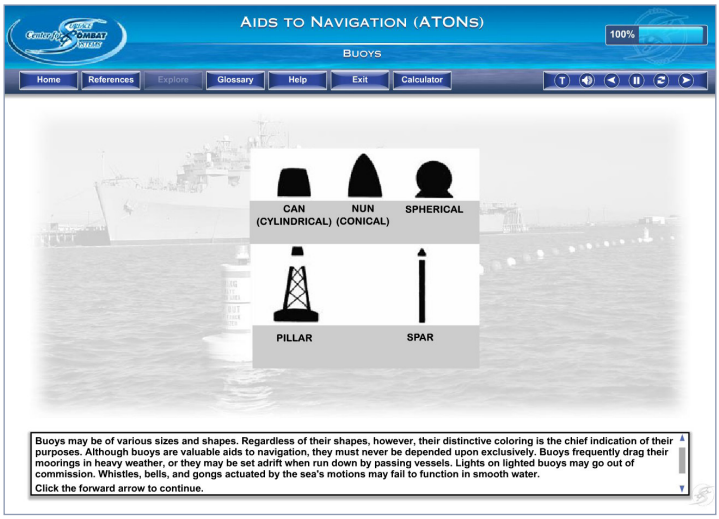
2018

OPERATIONS SPECIALIST (OS)

Rating Sailor 2025
Ready Relevant Learning Content Conversion

The Operations Specialist training falls under the Center for Surface Combat Systems (CSCS) command. Its mission is to develop and deliver surface ship combat systems training to achieve surface warfare superiority. Operations Specialist function as plotters, radio-telephone and Command and Control sound-powered telephone talkers and maintain Combat Information Center (CIC) displays of strategic and tactical information. They operate surveillance and altitude radars' Identification Friend or Foe (IFF), and associated equipment. Depending on the ship's capability, they also serve as Air Traffic Controllers for helicopters and fixed-wing supersonic jet aircraft.

To develop and deliver surface ship combat systems training to achieve surface warfare superiority



A SCHOOL LOCATION
GREAT LAKES, ILLINOIS

The Operations Specialist rate was selected as the first rate to be part of the Sailor 2025 Ready Relevant Learning content conversion effort. The goal of Sailor 2025 (S2025) is to improve and modernize personnel management and training systems to more effectively recruit, develop, manage, reward, and retain the force of tomorrow. The Ready Relevant Learning content conversion goal is to provide the right training at the right time in the right way. The three screens in this booth show the current Interactive Courseware lesson, a lesson that has been converted to meet RRL's goal of the right training, and a lesson to meet the goal of RRL at the right time in the right way.

CURRENT LESSONS FOR OS A-SCHOOL

- Designed as an Interactive Courseware Level 2 (ICW2).
- The current version uses static images with text to support the pictures being displayed.
- Built in HTML4 and can contain Flash videos.
- Presented in the classroom led by Instructor Facilitated Interactive Training (IFIT).
- Lessons are maintained on Navy e-Learning and accessed from Naval Education and Training Command's (NETC's) Training Network (TRANET).
- The text is automatically read to the learner as the page is loaded in the bowser.
- The white space on the page promotes eye strain.

NAWCTSD Public Release 18-ORL0078 Distribution Statement A – Approved for public release; distribution is unlimited.

DESIGNED AS AN INTERACTIVE COURSEWARE LEVEL 3 (ICW3)

- Built using HTML5 with no Flash which could be a security issue due to not being manufacturer supported.
- The newly developed courseware will use interactive images and text to support the learner's knowledge retention.
- Presented in the classroom led by Instructor Facilitated Interactive Training (IFIT).
- Lessons are maintained on Navy e-Learning and accessed from Naval Education and Training Command's (NETC's) Training Network (TRANET).
- Forced action ensures Trainees read information contained in the Information Icon.
- Trainees are forced to flip the card before advancing to the next card.
- Card deck shuffled for self-assessment after all cards in deck are viewed
- Less white space on the slide promotes less eye strain.

VIRTUAL SIMULATION ICW LEVEL 4 (VSIM4) RULES OF THE ROAD

- Designed as an Interactive Courseware Level 4 (ICW4) as a Virtual Simulation without hardware.
- Can run on NETC's Virtual Desktop Infrastructure (VDI) workstations.
- Built using the Unity Game Engine.
- Realistic motion of simulated objects.
- Learner can interact fully with the simulated scene by panning and zooming
- Scenarios increase in the level of complexity.
- Designed to support refresher training for Operations Specialist as they transition from ship to shore to ship and changes in watch assignment.
- VSIM4 Products available are Track Surface Contacts, Maneuvering Board (MOBOARD) Plotting, Nautical Chart Plotting, Lighted and Signal Aids to Navigation (ATON), Rules of the Road, Communications and Radar Tracking.
- VSIM4 products can assist in meeting a focus area that came out of the Comprehensive Review of the two separate at sea collisions of the USS Fitzgerald and USS John S. McCain with commercial merchant vessels.
- A focus on providing sufficient seamanship and navigation knowledge in advance of milestone assignments training – prior to entering high traffic areas, after a shore to sea rotation, as part of new watch qualification, general rating refresher training.

SHIPS

AIRCRAFT CARRIERS – allowing the mobile projection of Naval Air Power across the globe.

AMPHIBIOUS ASSAULT SHIPS – deploy and support U.S. ground forces in remote locations

CRUISERS – multi-mission warships capable of engaging multiple simultaneous targets and employed in force support of independent action

LITTORAL COMBAT SHIPS – fast, agile, focused-mission platform designed for operation in near-shore environments yet capable of open-ocean operation

DESTROYERS – fast warships providing multi-mission offensive and defensive capability, independently or in fleet support

For further information on this exhibit, or on business opportunities with NAWCTSD, please contact our Business Support Team by telephone at (407) 380-4903, by e-mail at orlo_businesssupportteam@navy.mil, or by mail at Business Support Team, NAWCTSD, 12211 Science Drive, Orlando, FL 32826.