

MCA Master (Yachts) - Celestial Navigation is a 21st Century way of learning this subject at sea or at home so that you can "Earn while you Learn". This course will teach you all you need to know about the theory and practice of Celestial Navigation. You can start the course any time

The MCA have introduced a Celestial Navigation exam, which will be required for issue of a Master (Yachts) <500gt and <3000gt Certificate of Competence (CoC)

- This has been in force since 1st January 2014. (Please Note -This certificate is only valid for 1 year from date of issue)
- The exam is all that is required by the MCA.

OVERVIEW

This online Celestial Navigation course is geared to the new 21st Century way of Blended Learning approved by the MCA. The Celestial Navigation course is a perfect way to get to grips with this exciting topic. You can study at home or at sea - GPS and all the modern navigation aids are fine, but you must be prepared and capable of taking Celestial Observations when all the systems go down!

Ocean Training Online has introduced a complete online course to learn the latest skills in Celestial Navigation and of course this can be used as a refresher, in case your Celestial skills are a little rusty.

- Either way this 50 hour course allows you study anywhere - online course that will adequately prepare you for the MCA Exam.

THE SYLLABUS INCLUDES:

- Fixing Position using Celestial bodies
- Identification and selection of the most suitable Celestial Bodies during Twilight
- How to calculate the time of visible rising and setting of the Sun
- Calculating Altitude and Azimuth of Celestial Bodies
- Accurately plotting the positions of Celestial Bodies in order to obtain a fix
- Using the Nautical Almanac and Calculator, or the quick method tables, to establish a Position Line from a Celestial Body
- Using a Sextant and Chronometer to observe a Celestial Body
- How to calculate Latitude by Celestial Observation
- Calculating the Latitude using Polaris
- Calculating the Latitude by Meridian Altitude of the Sun or a Planet
- Calculating the time of Meridian Altitude of the Sun or a Planet
- Establishing Compass Error by Celestial means
- Establishing Compass Error by Amplitude of the Sun or a Planet
- Establishing Compass Error by Azimuth of the Sun, a Planet or a Star

MATERIALS SUPPLIED

The course comes on a USB Stick so as soon as you get it you are ready to go!

Plus:

- The Ocean Training course includes a complete set of Celestial Navigation Tables; therefore, you do not need any other reference material
- A fantastic Celestial Navigation Movie that really enhances the learning - so good that you even see the detail of the tables
- Celestial Plotting Sheets

Your own dedicated professional tutor who will guide you through the course and mark your assignments and the Ocean Training internal examination at the end of the course. (This will fully prepare you for the MCA exam). The tutor is only an e-mail away "Mock" exam at the end of the course that prepares you for the MCA (IAMI) exam

FINAL EXAM must be taken at the Ocean Training Partner college - The City of Glasgow College in Scotland. It can be done in 2 hours but please aim to be there for 1 day.

- The student must obtain an overall percentage of 65% to pass.
- Please note: the student may use any method to calculate a fix using Celestial Objects to obtain position lines, and may use the Nautical Almanac and the quick method tables.
- Calculators are allowed but not programmable calculators, smart phones, tablets or computers.

MCA Exam - The MCA (IAMI) exam has a fee of £150 - payable after the course is completed and you are fully ready for the exam

"Earn while you Learn" - at Home or at Sea