



# The Maritime School

The theory course is a six-day comprehensive high-level shore-based course with assessment papers and written examinations. Candidates are advised that a considerable amount of private study and varied cruising experience is required in addition to the formal instruction provided.

## Master of Yachts 200tn Sail Theory Syllabus

### Syllabus:

- Chartwork instruments
- Charts, latitude and longitude
- Distance, speed, time & direction
- The magnetic compass, variation & deviation
- Position lines and position fixes
- Dead reckoning and estimated positions
- Tides
- Currents
- Course to steer to counteract a current
- Meteorology
- Pilotage
- Passage planning
- Electronic navigation aids
- International regulations for preventing Collisions at Sea (COLREGS)
- Ships Construction
- Ship stability & and drydocking
- Ropework
- Towing
- Anchoring
- Emergency procedures

- Ships power plant
- General maritime law