



**DRAFT SURVEY SCHOOL OF INSTRUCTION
MARCH 5 – 7, 2019
MOREHEAD CITY, NC**

COURSE SYNOPSIS

The three-day school of instruction will take the mystery out of the science of accurately determining a vessel's weight by water displacement. Designed for the student having little or no previous experience performing surveys of this type, the program will be presented by an instructor who is an extremely experienced and practicing draft surveyor in a fun, relaxed and easy to understand format. Adhering to standards established by the United Nations and the Economic Commission for Europe (ECE) and using surveys and publications collected from actual vessels attended by the instructor, attention will be directed toward practical application rather than textbook theory. Throughout the entire course, the student can expect to be challenged with real-life scenarios while acquiring the fundamental skills necessary to properly perform a draft survey, which include but are not limited to:

- (1) Methods of draft observations and application of mathematical corrections**
- (2) Seawater density observation and its effect on displacement calculations**
- (3) Inventory of consumables (ballast / freshwater / fuel)**
- (4) Deciphering unusual vessel hydrostatic data**
- (5) Avoiding common errors**
- (6) Solutions when “It just doesn’t work out”**

Although the course of instruction will focus on ships (both metric and imperial system of measurement), inland and ocean barge surveys will also be addressed.

Class is scheduled to run 0800 – 1700 each day; the instructor will remain on site as long as needed at the end of each day. Students are encouraged to remain after hours, debrief the instructor or perform some practice surveys and / or just review.

Members of the National Association of Marine Surveyors (NAMS) and Society of Accredited Marine Surveyors (SAMS) will be granted 18 CE credits for course completion.

Additional questions regarding course content and target learning objectives may be directed to info@marcarcon.com or call 1-800-567-6294 or + 1 (202) 239-2729 (Outside USA).