

















(equipped with MBES) is included



The "Advanced Marine Surveying" course includes more in depth lectures on acoustics, oceanography, marine meteorology, electronic navigation systems, data processing & chart compilation and the Law of the Sea.

In addition, students prepare a seminar on one of various subjects of advanced survey techniques, international standards, tidal and current measurements and marine cadastre etc.

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Haifa University

In 2005 Haifa University opened a 2 weekly hours course "**Introduction to Marine Surveying**" in the department of Maritime Civilizations

Later that year a 48 hr course in "**Hydrography and Marine Surveying**" was opened for naval officer cadets during their academic stage at HU This course is offered twice a year



In 2008 the Haifa university opened the Leon Charney School for Marine Sciences. A (2 weekly hours) course in **"Marine Surveying"** is offered for postgraduate students in the marine – geosciences department at the school.

Later that year a new course for merchant marine cadets was opened at the University. This course is similar to the one for naval officers

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Participation

From one course with 10 students at the Technion in 2001 we now have <u>six different</u> <u>courses given annually in Israel</u>. One, for naval officer cadets, is given twice a year.

In the spring - summer of 2008 over 100 students participated in 5 of these courses!





The Technion would be the obvious place for training marine surveyors, taking into account their entire educational program.

The Survey of Israel was approached by the lecturer and the Technion to consider defining a procedure for **licensing marine surveyors**, similar to the one established for land surveyors.

No such procedure has been approved to date!

