This textbook is all about building of ships, platforms and other offshore installations. The geometry and functions of systems and structures are explained as an introduction to management and technology at shipyards and building sites. Both loadbearing structures, outfitting and installation of accommodation are included.

Project management, production planning, cost calculations, building methods, discipline knowledge (welding, painting, insulation, mechanical, piping etc.), fabrication techniques, equipment, facilities and layout are explained and some data supplied.

Building operations are demonstrated in figures, photos, animations and films. Some parts of the textbook are interactive which means that the reader may apply his/her own data and situations in order to have the textbook to calculate the consequences.

The reader may surf in the textbook at a high level, i.e. an easy to understand overview. The reader may also go to details for chosen items. No prequalifications are required to benefit from the textbook.

The textbook will continuously be updated and extended.

Access the textbook: http://tigris.marin.ntnu.no/byggeteknikk/