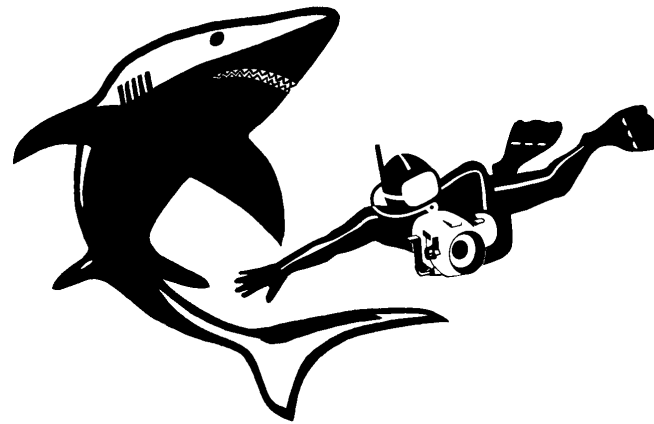


# Dive Computers & Dive Tables



Tauchsportcenter  
Esslingen

# Overview (0)

- Requirements
- Objectives
- Contents / Theory
- Contents / “Practice”
  - Exercises -> Exercise Manual
  - Exercises with “DIVE” software
- Exam
  - A funny quiz
  - (life is hard enough ...)

# Overview (1)

- Requirements:
- Minimum age: 18 years
- PADI / SSI Advanced Open Water Diver, or:
- equivalent, e.g.: CMAS \*\*\*
- Rescue (recommended)
- NITROX / EANx Diver (highly recommended)

# Overview (2)

- Objectives:
- In-depth knowledge and skills with:
- dive computers & dive tables
- Secure use of dive computers
- Secure use of dive tables
- Critical evaluation of dive computers
- New background-knowledge (not just everybody has this one ...)
- A lot of fun ...

# Overview (3)

- Contents:
- History and histories ...
  - Excursus: DCS, Recompression Chambers & Treatment
- Haldane and his “Ratio” (2:1)
  - Excursus: Physics of Bubbles
- United States Navy (USN) Table
  - Excursus: the Workman Model
- the RDP ®
  - Excursus: the WHEEL ®
- DCIEM
- Oddities and other Tables

# Overview (4)

- Contents:
- Buehlmann-Hahn
  - Excursus: NITROX xTended
- Dive Computers
  - Excursus: Rebreather Basics
- Offshore: Modern Deep Sea Diving
- Up-to-date trends: 2000 → 2007
- Finale Furioso (Summary)
- Dive-Simulation with “DIVE”
- Final Exam