



SCUBAnauts International AAUS Swim Test & SCUBA Requirements

Swimming Evaluation

Applicant shall successfully perform the following tests, in the presence of the Diving Safety Officer, or an examiner approved by the Diving Safety Officer. Please do not ask to have this test proctored until you have successfully completed all parts on your own time:

Swim underwater without swim aids for a distance of 25 yards without surfacing.

Swim 400 yards in less than 12 minutes without swim aids.

Tread water for 10 minutes without swim aids.

Without swim aids, transport another person of equal size a distance of 25 yards in the water.

Scuba Training

Practical Training

At the completion of training, the trainee must satisfy the Diving Safety Officer or the instructor of his/her ability to perform the following, as a minimum, in a pool or in sheltered water:

Enter water with full equipment.

Clear face mask.

Demonstrate air sharing, including both buddy breathing and the use of alternate air source, as both donor and recipient, with and without a face mask.

Demonstrate understanding of underwater signs and signals.

Demonstrate simulated in-water mouth-to-mouth resuscitation.

Rescue and transport, as a diver, a passive, simulated victim of an accident.

Demonstrate ability to remove and replace equipment while submerged.

Demonstrate watermanship ability, which is acceptable to the instructor.

Open Water Evaluation

The trainee must satisfy an instructor, approved by the Diving Safety Officer, of their ability to perform at least the following in open water:

Demonstrate proficiency in air sharing as both donor and receiver.

Enter and leave open water or surf, or leave and board a diving vessel, while wearing scuba gear.

Demonstrate judgment adequate for safe diving.

Demonstrate, where appropriate, the ability to maneuver efficiently in the environment, at and below the surface.

Complete a simulated emergency swimming ascent.

Demonstrate clearing of mask and regulator while submerged.

Demonstrate ability to achieve and maintain neutral buoyancy while submerged.

Demonstrate techniques of self-rescue and buddy rescue.

(Cont'd) **AAUS Swim Test and Scuba Requirements (page 2)**

Written Examination: Required to participate in some SCUBAaut Science/Research Dives before completing training, the trainee must pass a written examination that demonstrates knowledge of at least the following:

Function, care, use, and maintenance of diving equipment

Physics and physiology of diving

Diving regulations and precautions

Near-shore currents and waves

Dangerous marine animals

Emergency procedures, including buoyant ascent and ascent by air sharing

Currently accepted decompression procedures

Demonstrate the proper use of dive tables

Underwater communications

Aspects of freshwater and altitude diving

Hazards of breath-hold diving and ascents

Planning and supervision of diving operations

Diving hazards

Cause, symptoms, treatment, and prevention of the following:

- near drowning
- air embolism
- carbon dioxide excess
- squeezes
- oxygen poisoning
- nitrogen narcosis
- exhaustion and panic
- respiratory fatigue
- motion sickness
- decompression sickness
- hypothermia
- hypoxia/anoxia