



Advanced Nitrox Student Equipment List

- **Cylinder** - single with H-valve; double aluminums with isolator (DIN)
- **Deco tank** - 30 or 40 ft³ (DIN or yoke) for 50% EAN. (O₂ cleaned)
- **Regulators (1st and 2nd stages)** – (2) 1st stages and (2) 2nd stages - primary 2nd stage should be on a 5 to 7 ft hose and both should be DIN.
- **Deco Regulator** - 1st and 2nd stage - 1st stage on 48~ inch hose (O₂ cleaned)
- **Buoyancy** - Backplate and Wing for either doubles or single
 - Single (27-36 lbs)
 - Doubles (40-60 lbs)
- **Exposure protection** - drysuit preferred – or 5-7 mm wetsuit
- **Depth gauge** - brass SPG for each tank setup
- **Dive Planning** - software with tables; dive computer with software; bottom timer with software
- **Primary and backup lights** - Canister light (primary) w/ 2 backups.
- **SMB and reel** – 50 lbs lift back with dive spool or reel.
- **Dive Planning Software** - [GAP](#) – [Vplanner](#) – [Nautilus](#) - [Dplan](#) – other options as appropriate.

Technical Foundations Student Equipment List

- **Cylinder** - single with H-valve; double aluminums with isolator (DIN)
- **Deco tank** - 30 or 40 ft³ (DIN or yoke) for 50% EAN. (O₂ cleaned)
- **Regulators (1st and 2nd stages)** – (2) 1st stages and (2) 2nd stages - primary 2nd stage should be on a 5 to 7 ft hose and both should be DIN.
- **Deco Regulator** - 1st and 2nd stage (O₂ cleaned)- 1st stage on 48~ inch hose
- **Buoyancy** - Backplate and Wing for either doubles or single
 - Single (27-36 lbs)
 - Doubles (40-60 lbs)
- **Exposure protection** - drysuit preferred – or 5-7 mm wetsuit
- **Depth gauge** - brass SPG for each tank setup
- **Dive Planning** - software with tables; dive computer with software; bottom timer with software
- **Primary and backup lights** - Canister light (primary) w/ 2 backups.
- **SMB and reel** – 50 lbs lift back with dive spool or reel.
- **Dive Planning Software** - [GAP](#) – [Vplanner](#) – [Nautilus](#) - [Dplan](#) – other options as appropriate.



Decompression Procedures and Normoxic Trimix Equipment List

- **Cylinder** – double AL80s with a DIN isolation manifold.
- **Deco tank** - 30 or 40 ft³ (DIN or yoke) for 50% EAN. (O₂ cleaned)
- **Regulators (1st and 2nd stages)** – (2) 1st stages and (2) 2nd stages - primary 2nd stage should be on a 5 to 7 ft hose and both should be DIN.
- **Deco Regulator** - 1st and 2nd stage (O₂ cleaned)- 1st stage on 48~ inch hose
- **Buoyancy** - Backplate and Wing
 - Doubles (40-60 lbs)
- **Exposure protection** - drysuit preferred – or 5-7 mm wetsuit
- **Depth gauge** - brass SPG for each tank
- **Dive Planning** - software with tables; dive computer with software; bottom timer with software
- **Primary and backup lights** - Canister light (primary) w/ 2 backups.
- **SMB and reel** – 50 lbs lift back with dive spool or reel.
- **Dive Planning Software** - [GAP](#) – [Vplanner](#) – [Nautilus](#) - [Dplan](#) – other options as appropriate.

Advanced Decompression Equipment List

- **Cylinder** – double AL80s with a DIN isolation manifold.
- **2 Deco tanks** - 30 or 40 ft³ (DIN or yoke) for 50% EAN and either 80% EAN or 100% O₂. (O₂ cleaned)
- **Regulators (1st and 2nd stages)** – (2) 1st stages and (2) 2nd stages - primary 2nd stage should be on a 5 to 7 ft hose and both should be DIN.
- **Deco Regulator** - 1st and 2nd stage (O₂ cleaned)- 1st stage on 48~ inch hose
- **Buoyancy** - Backplate and Wing
 - Doubles (40-60 lbs)
- **Exposure protection** - drysuit preferred – or 5-7 mm wetsuit
- **Depth gauge** - brass SPG for each tank
- **Dive Planning** - software with tables; dive computer with software; bottom timer with software
- **Primary and backup lights** - Canister light (primary) w/ 2 backups.
- **SMB and reel** – 50 lbs lift back with dive spool or reel.
- **Dive Planning Software** - [GAP](#) – [Vplanner](#) – [Nautilus](#) - [Dplan](#) – other options as appropriate.