

Weldtech Bicycle Mechanics Certificate (Gold Level)

Is It For Me?

Candidates for this course should have passed the Silver level and possess or have gained significant workshop experience prior to attending this level. This course is intended for people who are regularly required to inspect and maintain bikes for their centre, school, club or similar organisation or to raise their own mechanical awareness.

Aim

We are offering this industry standard qualification course in partnership with Weldtech training. The courses will only be delivered by Weldtech approved instructors who have extensive mechanical and biking skills. The course consists of two days of training and an ongoing practical assessment.

Course Content

You will be in a group of no more than 6 with one instructor. Meeting your instructor on the first morning provides an opportunity to discuss people's experience and knowledge so that the syllabus can be modified to suit people's needs.

The main topics to be covered are:

Workshop Safety, Tools and Lubricants, Headsets, Brake set up, Gear set up, Bottom bracket, Hubs, Fully strip, service and rebuild a bike, Pre-delivery Inspection, Spoke replacement and Wheel truing.

The level of the course certifies the candidate to be able to fully strip and reassemble components on their bicycles. Example of this include: Head sets; the candidate will be able to remove and exchanging the head set completely or replacing the bearings. Brakes include hydraulic brakes as well as cable systems. The ability to fully service the entire gear train is included. Stripping and servicing hubs. Wheel truing including spoke replacement is covered in more detail than Silver level..

Equipment

Glenmore Lodge has a well equipped workshop with work stands and tools. However, it is useful, but not essential, that candidates bring their own bike on which to work. Any tools (especially hex wrenches) and work stands that the candidate may have and some older cloths or apron that the candidate does not mind getting oily or dirty.