

## Watch and Clock Maker or Repairer

Watch and clock makers and repairers clean, service, repair and sometimes restore watches and clocks and, if they work in a shop, may also sell them.

### The Work

You could be:

- working from engineering drawings to make and assemble watch or clock parts
- removing the mechanism from the casing, taking it apart and examining it for faults
- removing damaged or worn parts and repairing or replacing them, sometimes with parts you have made
- cleaning and oiling the mechanism, putting the watch or clock back together again, testing and adjusting it
- restoring the casing of antique or valuable timepieces, including de-rusting the metalwork and re-painting the face
- renewing batteries in watches and clocks and using electronic equipment to diagnose faults and repair them
- fitting new watch straps and bracelets
- maybe specialising in one area, such as repairing and restoring antique clocks or clocks in public areas or designing new ones
- selling watches and clocks, as well as jewellery and other precision instruments such as barometers.

### Pay

The figures below are only a guide. Actual pay rates may vary, depending on:

- where you work
- the size of the company or organisation you work for
- the demand for the job.

Starting salaries could range from around £20,000 - £25,000 a year. With experience, this could rise to around £40,000. Working with luxury brands, salaries could be up to £60,000 a year.

### Conditions

- You are likely to be based either in the workshop area of a retail business or in a specialised repair firm.
- You will carry out repair work at a bench, using hand and machine tools and optical aids.
- You may be sitting and leaning over a work bench for long periods.
- You will usually work in a quiet and dust free environment.
- You may also visit customers' premises, particularly to repair large timepieces.
- You will usually work regular hours, although Saturday is often included. Part time work is sometimes available.

### Getting In

- A relatively small number of employers may offer a traineeship. They may not ask for formal qualifications, but some subjects at National 4 or 5 such as English, Maths and science or technological subjects will be an advantage.
- The British Horological Institute (BHI) offers 3 levels of diplomas.
- Birmingham City University offers a degree course (SCQF Level 10) in Horology. Check their [website](#) for entry requirements.
- West Dean College in Sussex offers a Foundation Degree in Clocks and a degree in Craft Practices. Check their [website](#) for more information.

Most openings are with small employers, either specialised repair firms or retail jewellers. Some watch and clock makers and repairers may work in centralised service workshops or in the museum service.

## What Does It Take

You need to have:

- patience and attention to detail
- a polite and helpful attitude to customers
- the ability to work on your own and plan your workload
- good eyesight
- a steady hand and agile fingers to do intricate work
- good concentration
- to be able to take measurements and prepare technical drawings
- good business skills if you are self-employed.

## Training

- You will train through practical experience with an employer, combined with specialist courses.
- The training courses are only available in a limited number of areas, so you may have to attend courses away from home or to study by distance learning.
- You could study further at the BHI with qualifications such as Level 4 Diploma in the Servicing and Repair of Clocks/Watches and Level 5 Diploma in the Repair, Restoration and Conservation of Clocks/Watches.
- The British School of Watchmaking in Manchester runs a one year course (1800 hours) or two year course (3000 hours) affiliated to the Watchmakers of Switzerland Training and Education Programme (WOSTEP) syllabus. Students are sponsored by the watch companies that fund the school. It may be possible to apply as a fee paying student.

## Getting On

- You may be able to specialise in a particular field, such as restoring longcase (grandfather) clocks.
- With experience, you may be able to work in the related field of manufacturing and repairing other precision instruments.
- Many watch and clock makers or repairers go on to become self-employed, or run a franchise in a department store or shopping centre.

## More Information

- Horology is the science of the measurement of time and the art of clock making.
- The British Horological Institute (BHI) is the UK organisation for those with an interest in, or involvement in, clocks and timekeeping. There are membership grades for both amateurs and professionals.

## Contacts

### **British Horological Institute Ltd**

Tel: 01636 813795

Email: [education@bhi.co.uk](mailto:education@bhi.co.uk)

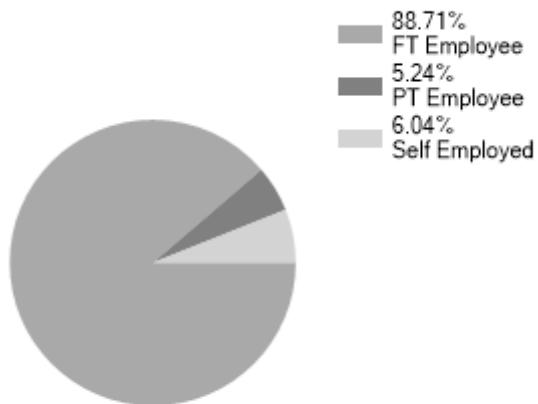
Website: [www.bhi.co.uk](http://www.bhi.co.uk)

### **British School of Watchmaking**

Website: [www.britischoolofwatchmaking.co.uk](http://www.britischoolofwatchmaking.co.uk)

## Statistics

Employment Status UK %

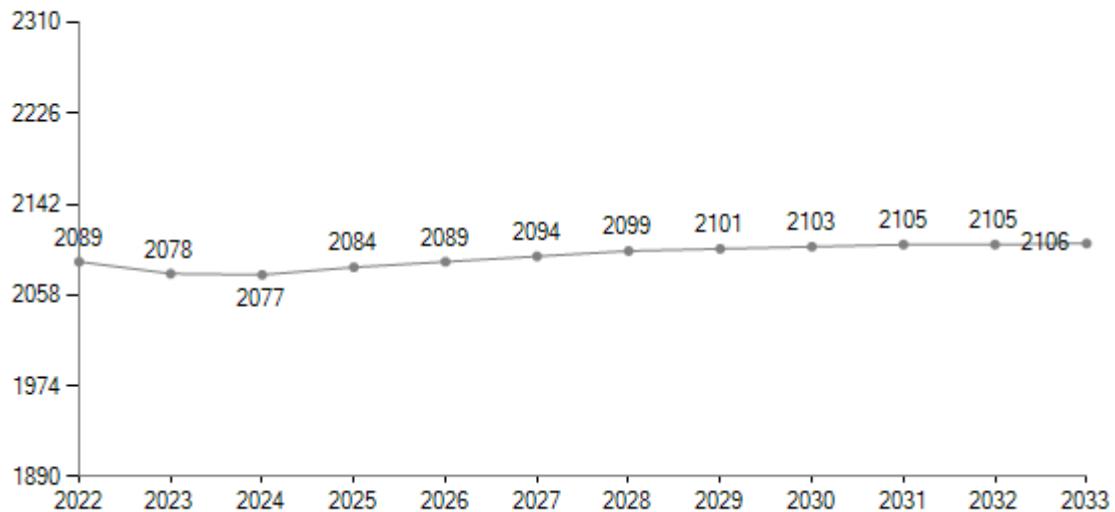


### Past Unemployment - Scotland

No Claimant statistics available for Scotland.

LMI data powered by [LMI for All](#)

Predicted Employment in Scotland



LMI data powered by [Lightcast](#)