



BRITISH GEAR
ASSOCIATION

GEAR TRAINING

BOOK TRAINING

Members: £202.50

Standard: £375

Tickets can be booked
online at www.bga.org.uk
or by contacting
admin@bga.org.uk
0191 208 6160



This course is officially
recognised as complying
with universally accepted
principles of Continual
Professional Development
(CPD) and have been
structured to meet the
criteria of personal
development plans.

GEAR FOUNDATION DAY

Date: 5th February 2020

Location: BGA Training Centre

Tutor: Graham Penning.

This introductory seminar is suitable and appropriate for anyone joining the gear industry. The course will not only equip the delegate with the basic gear knowledge to make a success of their career but also allow them to benefit from the more specialised seminars presented through the year in the BGA's Knowledge Transfer Programme.

Each Session includes a test and successful students will receive a certificate.

The course will include:

- An Introduction to Gears Part 1: Gear Fundamentals – Law of Gearing; The Involute Form; Power Transmission; Motion Control; Gear Types – Features and Benefits.
- An Introduction to Gears Part 2: Noise & Load – Modes of Failure (Bending, Pitting, Micro-Pitting, Scuffing, Wear) Gear Rating methods; Application Factors; Gear Lubrication; Noise & Vibration basics; Transmission Error.
- An Introduction to Gears Part 3: Gear Manufacture – Gear Material Specification; Gear Manufacturing Methods (Forming, Moulding, Machining; Hobbing, Shaping, Shaving, Honing, Grinding and Finishing); Heat Treatment and Gear Measurement.

The British Gear Association are the leading providers of Gear related training in the UK. Under the supervision of the BGA's Technical & Research Management Committee, the Association runs a rolling programme of one-day & two-day seminars on various gear related topics.

We can also arrange bespoke training if required.

