Journey with us.

Permanent Way Institution

PROGRAMME AIM

The aim of the programme is to give delegates an understanding of the principles of the theory and practice of track engineering in the UK.

It is comprised of three consecutive modules and involves 100 hours of taught study all mapped to HE Level 6. Upon successful completion of all three modular assessments, candidates will be awarded the PWI Diploma in Track Engineering.

These courses are aimed at newly qualified and experienced engineers and will give delegates the knowledge and skills needed for professionals in track engineering.

MODULE 1: TRACK MAINTENANCE

Gives a basic understanding of track engineering and its theory and context. Develops a knowledge of track types and features, its interfaces with other rail infrastructure including earthworks, structures and clearances and track maintenance including ballast, drainage, stressing, grinding and welding. Gives an understanding of the concept of the UK system, operations, timetables, and legislation.

Monday 10th June – Thursday 13th June 2019 (4 days)
Monday 20th January – Thursday 23rd January 2020 (4 days)

Course cost: £595 / Accommodation cost: £225

MODULE 2: TRACK DESIGN

Focuses upon track design for projects and enhancements. Develops skills in track design of plain line and switches and crossings, component knowledge and configurations, layouts, innovations and life extension, route evaluation and trackbed design, through design case studies and exercises.

Monday 7th October – Thursday 10th October 2019 (4 days)
Monday 20th April – Thursday 23rd April 2020 (4 days)

Course cost: £595 / Accommodation cost: £225

MODULE 3: ADVANCED TRACK ASSET ENGINEERING AND RENEWALS

The study becomes more strategic and delivery oriented with advanced asset management techniques and applications. Gain a deep understanding of UK track renewal planning, plain line, S&C, existing and future methods, rail renewal scenarios and optioneering and learning from accidents. Understand advanced technical rail management issues, rail sustainability and strategic track asset management.

Monday 18th November – Thursday 21st November 2019 (4 days)
Monday 11th May – Thursday 14th May 2020 (4 days)

Course cost: £595 / Accommodation cost: £225

PRICES INCLUDE

All courses are held at the Derby Conference Centre (London Road, Alvaston, Derby, DE24 8UX). Prices include all training materials & lunch. Accommodation includes evening meal, single room at the venue & breakfast. All prices are exclusive of VAT.

TO BOOK YOUR SPACE

Please contact the PWI Membership team: secretary@thepwi.org or visit www.thepwi.org to download the booking form.

FOR ANY ENQUIRIES, PLEASE CONTACT

PWI Membership: secretary@thepwi.org
Brian Counter: technicaldirector@thepwi.org