The UKs Leading Centre for “INTEGRATED SYSTEMS ENGINEERING”
HYDRAULICS, PNEUMATICS, APPLIED ELECTRONICS & CONTROL
Plus – Standard Courses
- BFPA/CETOP Competence Based Qualifications
- Bespoke Site Based Training and CPD

TRY OUR FOC ON-LINE Self Assessment Questionnaires
to help YOU identify your current knowledge levels
See our RECOMMENDED PROGRESSION ROUTE
We have possibly the
BEST PRACTICAL FACILITIES
in Europe plus Systems Training
Engineers with a vast knowledge and experience in maintaining and managing
Integrated Fluid Power System

THE NFPC is an APPROVED TRAINING provider for:

NFPC- BFPA Certified CETOP Education Centre also NQA ISO 9001:2015 Registered
www.nfpc.co.uk – Book on-line, Pay on-line, Register on-line
1. Possibly the BEST practical facilities in Europe to improve your skills
2. We have 10 highly experienced Training Engineers from industry who understand your training needs and are here to improve your performance.
3. YOU need never wait again to attend courses, we run many of our courses every week and on demand.
4. All courses have a high practical content to improve your skills through hands on experience.
5. Course contents have a high usefulness factor and relate to the real world of work and that of improving your overall ability back in your place of work.
6. We will respond quickly to your needs with a positive solution and help you in every way to upskill and educate your staff.
7. NFPC is the approved training provider for 15 International companies and supported by an Industry Advisory Group of over 50 International companies, guaranteeing that you work on the latest technology at all times.

Why should YOU attend the NFPC?

**8 Reasons why YOU should choose the NFPC.**

We offer an extensive range of services to meet your needs

- Introductory Level Courses
  - Hydraulics
  - Pneumatics
  - Electrical/Electronics

- Stage 1 Courses
  - Hydraulics
  - Electro-Pneumatics
  - Applied Electrical/Electronics
  - CPD Accredited
  - All meet and exceed BFPA Minimum Education Recommendations

- CETOP/BFPA & NFPC Competence Based Qualifications
  - Levels 1, 2, 3
    - Hydraulics
    - Pneumatics
    - Applied Electronics

- Stage 2 Course
  - Extensive Range
  - See our course PROGRESSION ROUTE

- Bespoke Courses on request
Stage 1 Hydraulics 3 days

Stage 2
- Safe Management of Hydraulic Systems 1 day
  - Contamination Management/Assessment 2x1 days
  - Pumps & Controls 3 days
  - Hydraulic Troubleshooting 2 days
  - Proportional Hydraulics 1 day
  - Introduction to Proportional Hydraulics 1 day

Stage 3
- MOBILE Advanced Hydraulics 5 days
- INDUSTRIAL Advanced Hydraulics 5 days
- MOBILE Advanced Hydraulics 5 days
- INDUSTRIAL Advanced Hydraulics 5 days
- Principles of Hydraulic Hoses 1 day
- Hydraulic Troubleshooting 2 days
- Winch Hydraulic Systems 3 days
- Water Hydraulics 2 days
- Safe Management Hydraulic Systems 1 day
- Apprentice Summer School (8 days)
- Contamination Management 1 day
- Contamination Assessment 1 day
- Closed Loop Systems & Control (2 Days)

Net Cost /Person
- PLC Workshops (1 day) £350.00
- Fluid Power - Applied Mathematics (1 day) £350.00
- Principles of Hydraulic Hoses (1 day) £320.00
- Hydraulic Troubleshooting (2 days) £680.00
- Winch Hydraulic Systems (3 days) £995.00
- Water Hydraulics (2 days) £680.00
- Safe Management Hydraulic Systems (1 day) £320.00
- Apprentice Summer School (8 days) £1350.00
- Contamination Management (1 day) £350.00
- Contamination Assessment (1 day) £350.00
- Closed Loop Systems & Control (2 Days) £995.00

This denotes Courses on request

We also offer a number of stand-alone courses on request. Please contact us for dates and availability. We will attempt in every way to be as flexible as possible to meet your needs.

Visit the NFPC website www.nfpc.co.uk.
Use our FOC Online Self-Assessment Questionnaire to determine your starting level.

Introduction to Hydraulics 2 days
Introduction to Elec/Electronics 1 day
Progression Route to CETOP/BFPA Competence Based Qualifications

**LEVEL 1 Hydraulics**
- CETOP LEVEL 1 (H1) HYDRAULICS Qualification 2 Days
- Stage 1 Hydraulics 3 days (BFPA Minimum Education Recommendations)
- Introduction to Hydraulics 2 day Course

**LEVEL 1 Applied Electronics**
- BFPA LEVEL 1 (E1) Applied Electronics Qualification 2 Days
- Stage 1 Applied Electrical/Electronics 3 days (BFPA Minimum Education Recommendations)
- Introduction to Elec/Electronics 1 day

**LEVEL 1 Pneumatics**
- CETOP LEVEL 1 (P1) PNEUMATICS Competence Base Qualification 2 Days
- Stage 1 Electro-Pneumatics 3 days (EP1) (BFPA Minimum Education Recommendations)
- Introduction to Pneumatics 1 day

We recommend you to use our ON-LINE Self Assessment Questionnaire before booking on these courses.
Go to the NFPC Website Home Page [www.nfpc.co.uk](http://www.nfpc.co.uk).
The results will confirm whether or not you need to attend the Introductory Level Courses.
Introductory Level Courses

Check your current knowledge levels using the FREE ONLINE SELF ASSESSMENT Questionnaire On the NFPC Website before reserving your place on these courses

Meeting BFPA Minimum Education Recommendations

These are all 3 Day Course (9am-5pm) - £1015.00 per person + VAT

**Stage 1 Hydraulics**
- Planned Dates:
  - 03-05 Aug
  - 24-26 Aug
  - 07-09 Sep
  - 28-30 Sep
  - 12-14 Oct

**Stage 1 Electro-Pneumatics**
- Planned Dates:
  - 10-12 Aug
  - 21-23 Sep
  - 19-21 Oct
  - 09-11 Nov
  - 07-09 Dec

**Stage 1 Applied Electrical/Electronics**
- Planned Dates:
  - 10-12 Aug
  - 21-23 Sep
  - 19-21 Oct
  - 09-11 Nov
  - 07-09 Dec

Note:- All NFPC Stage 1 Courses lead to LEVEL 1 Competence Based Qualifications
These involve an Assessment Process involving a Written Examination and Practical Task Assessment on a one-to-one basis. Successful Candidates will receive a CETOP or BFPA Awarded Certificate.

**CETOP Hydraulics (H1)**
- Competence Based Qualification
- 2 Day Course (9am-5pm)
- £650.00 per person + VAT
- Planned Dates:
  - 06-07 Aug
  - 27-28 Aug
  - 10-11 Sep
  - 01-02 Oct
  - 15-16 Oct
  - 29-30 Oct
  - 26-27 Nov
  - 10-11 Dec
  - 17-18 Dec

**CETOP Pneumatics (P1)**
- Competence Based Qualification
- 2 Day Course (9am-5pm)
- £650.00 per person + VAT
- Planned Dates:
  - 13-14 Aug
  - 24-25 Sep
  - 22-23 Oct
  - 12-13 Nov
  - 10-11 Dec

**BFPA (E1)**
- Competence Based Qualification
- 2 Day Course (9am-5pm)
- £650.00 per person + VAT
- Planned Dates:
  - 24-25 Sep
  - 22-23 Oct
  - 12-13 Nov
  - 10-11 Dec

**Pre-requisite Stage 1**
- Hydraulics
- Electro-Pneumatics
- Applied Electrical/Electronics

**REFER TO THE PROGRESSION ROUTE**
Progression Route to CETOP Qualifications

LEVEL 2 Hydraulics- Mobile & Industrial

- CETOP LEVEL 2 (MH2) Qualification
  MOBILES
  Hydraulics
  COMPETENCE
  BASED- 5 days

- CETOP LEVEL 2 (IH2) Qualification
  INDUSTRIAL
  Hydraulics
  COMPETENCE
  BASED- 5 days

Stage 2 MOBILE
Hydraulics 4 days

Stage 2 INDUSTRIAL
Hydraulics 4 days

Stage 2 OFFSHORE
Hydraulics 4 days

Stage 1
Applied
Electrical/Electronics
3 days

Stage 1 Hydraulics 3 days

Introduction to Hydraulics
2 day Course

Optional -Introduction to Elec/Electronics 1 day
Stage 2 Hydraulic Courses Leading to Level 2 Competence Based Qualifications

These are 4 Day Courses starting at 1:00 pm on Monday and finishing at 12:30 on Friday
Cost per person-£1200.00 Exc VAT

Stage 2 INDUSTRIAL Hydraulics

Planned Dates
10-14 Aug
14-18 Sep
12-16 Oct
09-13 Nov
07-11 Dec

Stage 2 OFFSHORE Hydraulics

Planned Dates
03-07 Aug
07-11 Sept
05-09 Oct
02-06 Nov
30-Nov-04 Dec

Stage 2 MOBILE Hydraulics

Planned Dates
17-21 Aug
21-25 Sep
19-23 Oct
16-20 Nov

LEADING TO
INDUSTRIAL Competence Based Qualification
CETOP Hydraulics (IH2)

5 Day Course (9am-5pm)
£1485.00 per person +VAT

Planned Dates
24-28 Aug
28 Sep-02 Oct
26-30 Oct
23-27 Nov

LEADING TO
MOBILE Competence Based Qualification
CETOP Hydraulics (MH2)

5 Day Course (9am-5pm)
£1485.00 per person +VAT

Planned Dates
24-28 Aug
28 Sep-02 Oct
26-30 Oct
23-27 Nov

REFER TO THE PROGRESSION ROUTE
Other Stage 2 Scheduled Hydraulic Courses

**Stage 2 Pumps & Controls**
3 Day Course (9am-5pm)
£1015.00 per person +VAT

Planned Dates
- 03-05 Aug
- 01-03 Sep
- 05-07 Oct
- 02-04 Nov
- 07-09 Dec

**Stage 2 Principles of Hydraulic System Design (Industrial)**
3 Day Course (9am-5pm)
£1015.00 per person +VAT

Planned Dates
- 17-19 Aug
- 14-16 Sep
- 19-21 Oct
- 16-18 Nov
- 14-16 Dec

**Stage 2 Accumulator NFPC Competence Based Course**
2 Day Course (9am-5pm)
£695.00 per person +VAT

Planned Dates
- 10-12 Aug
- 14-16 Sep
- 12-14 Oct
- 09-11 Nov
- 14-16 Dec

Other Electro-Hydraulic Courses following on from Stage 1 Hydraulics

**Stage 1 Proportional Hydraulics**
1 Day Course (9am-5pm)
£350.00 per person + VAT

Planned Dates
- 25 Aug
- 29 Sep
- 24 Nov

**Stage 2- Advanced Proportional Hydraulics INDUSTRIAL**
3 Day Course (9am-5pm)
£1015.00 per person + VAT

Planned Dates
- 26-28 Aug
- 30 Sep -02 Oct
- 25-27 Nov

REFER TO THE PROGRESSION ROUTE
Progression Route to CETOP Qualifications

LEVEL 3 Hydraulics- Mobile & Industrial

CETOP LEVEL 3-Advanced Qualification
COMPETENCE BASED
Mobile (MH3) or Industrial (IH3) 1 Year
(Available from August 2021)

Stage 3 (5 days)
(MOBILE)
Advanced Hydraulics

Stage 3 (5 days)
(INDUSTRIAL)
Advanced Hydraulics

Applied Maths
1 day

Stage 2 MOBILE
Hydraulics 4 days

Stage 2 OFFSHORE
Hydraulics 4 days

Stage 2 INDUSTRIAL
Hydraulics 4 days

Stage 1
Applied
Electrical/Electronics
3 days

OPTIONAL E1
Competence Based Qualification
Applied Electrical/Electronics
2 days

Stage 1 Hydraulics 3 days

Optional-Introduction to
Elec/Electronics 1 day

Introduction to Hydraulics
2 day Course
Stage 3 MOBILE
Advanced Hydraulics
5 Day Course (9am-5pm)
£1350.00 per person +VAT

Stage 3 INDUSTRIAL
Advanced Hydraulics
5 Day Course (9am-5pm)
£1350.00 per person +VAT

Supporting Course
APPLIED MATHEMATICS
1 Day Course
9am-5pm
£350.00 per person + VAT

Planned Dates
21-25 September
02-06 November

Planned Dates
21-25 September
02-06 November

Planned Dates
21-August
18-September
30 October

IMPORTANT MESSAGE
Please ensure that you have followed the required Progression Route before reserving your place on these Advanced Courses- prerequisite knowledge is vital at this level and without it you will fail to gain full benefit from this course.

These Advanced level courses will not include refresher sessions. You are advised to study your Stage 2 Course notes before attending or consider a Stage 2 Refresher (see our Refresher Information)

*These Advanced level courses also form the prerequisite for those wishing to advance to obtain a CETOP Level 3 Competence Based Qualification*
If 3 years have passed since you last attended a specific course here at the NFPC, we will offer you a place on the course of your choice at a **REDUCED RATE**.

**Any Stage 1 Course** (3 Days) current cost = £1015.00 Exc VAT
Refresher Cost = £695.00 Exc VAT

**Any Stage 2 Mobile, Industrial or Offshore Hydraulics Course**
(4 Days) current cost = £1200.00 Exc VAT
Refresher Cost = £895.00 Exc VAT
Commences 1pm Monday- 12:30 Friday

Any **Stage 2 Mobile, Industrial or Offshore Hydraulics Course**
If you only wish to attend the **TWO Day Knowledge section** of the above courses the Refresher cost will be £500.00 Exc VAT
Commencing 1pm Monday to 12:30 Wednesday

To attend a Refresher Course, we will require to see a copy of your **original attendance Certificate**, signed by the NFPC Director. Whilst attending your Refresher you will receive a new set of course notes, lunch and refreshments.

**To reserve you place on a Refresher Course and check availability**
Contact Anne Clarke (Bookings and Customer Liaison at the NFPC)
Contact details – aclarke@nfpc.co.uk Tel No 01909 504539

**Can be booked on line on our Website**

**APPRENTICE SUMMER SCHOOL**
13-24 July 2020
12-23 July 2021
2 Week course (July) consisting of:

1. Consisting of;
2. **introduction to Hydraulics**
3. **Stage 1 Hydraulics**
4. **CETOP H1 Qualification**