

TRAINING HERE AT THE NFPC

THE NFPC IS THE
UK'S LEADING
CENTRE FOR
CETOP
COMPETENCE
BASED
QUALIFICATIONS
LEVELS 1,2,3

WORLD
CLASS
PRACTICAL
TRAINING
FACILITIES

SUPPORTED BY
10 OF THE UK'S
TOP SYSTEMS
TRAINING
ENGINEERS
FROM UK
INDUSTRY



THE NFPC is an APPROVED TRAINING PROVIDER for :



www.nfpc.co.uk

Reserve you places online or contact Anne Clarke
(0)1909 504539 /aclarke@nfpc.co.uk

issue date 05/09/2023

National Fluid
Power Centre Ltd
Turner Road, Worksop
Notts, S81 7AE



Over the last 24 years the NFPC has established itself as a World Leader in the provision of specialised short Courses involving HYDRAULICS, ELECTRO-HYDRAULICS, PNEUMATICS, APPLIED ELECTRONICS & CONTROLS. Add to this we are a Leading Centre in the provision of CETOP Competence Based Qualifications at levels 1,2 and 3. We have possibly the best practical training facilities in Europe, supported by an outstanding team of Training and Systems Training Engineers and Business Support Staff. We are a flexible and responsive organisation, continuously investing in our training facilities and keeping abreast of the latest technology, thereby ensuring that we meet your needs and expectations at all times.

PLEASE READ THIS SHEET

NFPC COURSES predominately aimed at those Staff involved in the Maintenance and Management of Integrated Fluid Power Systems. Our Courses have a high practical content. We believe that “hands-on-training” reinforces the levels of understanding and represents a vital part of your development. Each of our Courses are shown in detail on our website- www.nfpc.co.uk

HAVING ATTENDED COURSES HERE AT THE NFPC- Through the effectiveness of our Courses we AIM to improve your “Knowledge”, Practical Skills, “Role Competence”, “Safe Working Procedures”, “Communication Skills” and a general improvement in your work based performance as required by your Employer.

HOW DO I DECIDE ON THE BEST COURSE TO MEET MY NEEDS?

This Course planner contains a list of our range of Courses involving a range of LEVELS:

- **Introductory Courses-** These are ideal for non-technical staff or technical staff with very little subject knowledge
- **Stage 1 Courses-** This range of Courses are design to provide a foundation of knowledge and skills for Maintenance and Technical Staff. These courses represent to start of this vital journey to become more effective in your place of work. **These courses provide a pre-requisite route to CETOP Level 1 Competence Based Qualifications**
- **Stage 2 Courses -**This range of Courses, follow on from Stage 1 adding further knowledge and practical skills plus that of improved levels of performance relating to systems maintenance, fault prevention, fault-finding and procedural thinking. **A number of these courses provide a prerequisite route to CETOP Level 2 Competence Based Qualifications**
- **Stage 3 Courses-** These are Advanced Knowledge Based Courses involving Industrial and Mobile Hydraulic Systems **These Courses provide a prerequisite route to CETOP Level 3 Competence Based Qualifications**

TO ASSIST YOU IN SELECTING THE RIGHT COURSE.

We have developed a **RANGE OF ONLINE SELF ASSESSMENTS**. We advise you to use these to check your current knowledge levels before booking your place on any NFPC Course. <https://www.nfpc.co.uk/online-self-assessment/> If you have already attended Training Courses here at the NFPC but some 3 years have passed, you may need to consider **REFRESHER TRAINING** (see page 9)

HOW TO USE THIS COURSE PLANNER -Standard Course Progressions

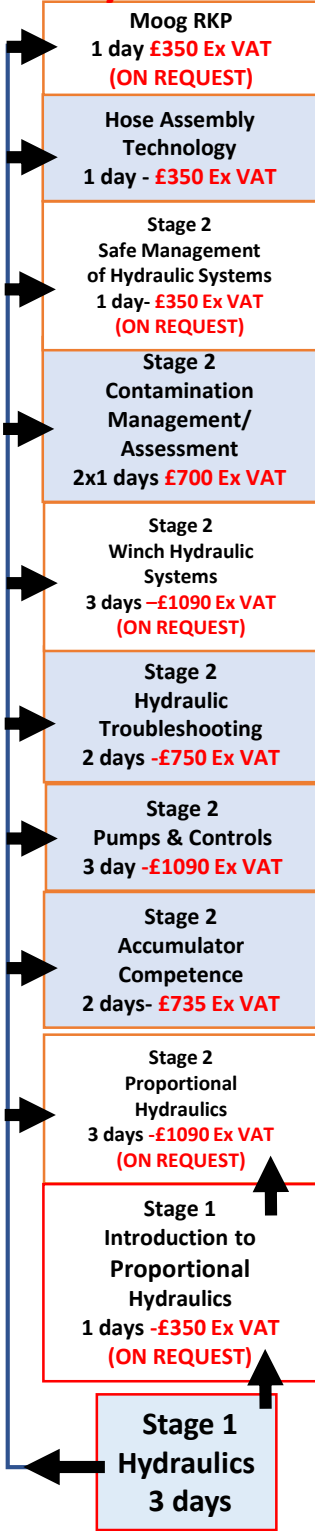
- Page 3 shows our Standard Range of Courses available. Note some are on request (not scheduled) - Refer then to pages 6 to 9 identify all course dates and costs

HOW TO USE THIS COURSE PLANNER –CETOP QUALIFICATIONS

- Page 4 shows the recommended Progression Routes for CETOP Levels 1 & 2 Qualifications
- Page 5 shows the recommended Progression Routes for CETOP Levels 3 Qualifications

NFPC-RECOMMENDED PROGRESSION ROUTES – January 2024 onwards

Hydraulics




Important Message

Due to the increased levels of control and automation and the application of more and more electrical and electronic systems and devices used in conjunction with Fluid Power Systems, the NFPC has introduced a series of NEW ELECTRO-HYDRAULIC Courses.

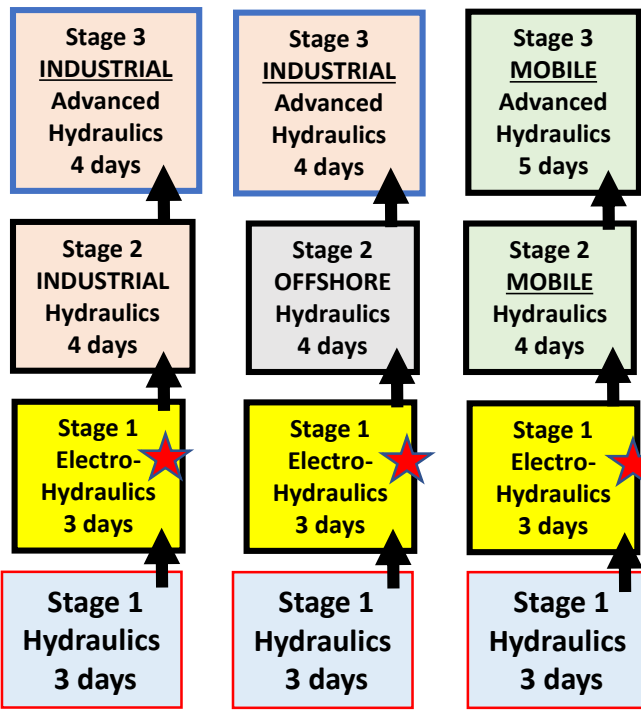
Namely: **INTRODUCTION TO ELECTRO-HYDRAULICS (2 Days)**
STAGE 1 ELECTRO-HYDRAULICS (3 Days)

These are highly recommended BUT NOT COMPULSORY. Visit our Website for more details.

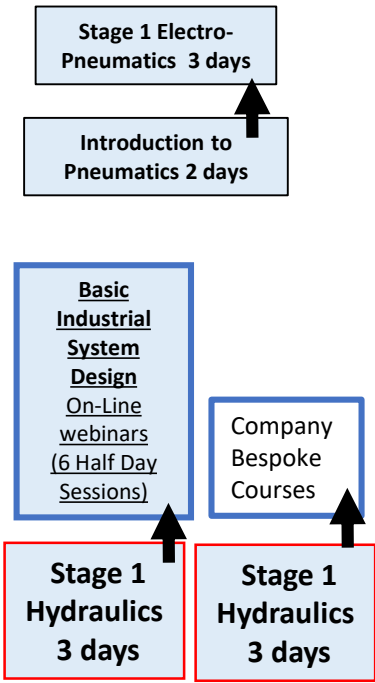
We also offer: **INTRODUCTION TO HYDRAULICS (2 Days)** and **INTRODUCTION TO PNEUMATICS (2 Days)** we suggest you use our **ONLINE SELF ASSESSMENT** to identify your current knowledge level.

 This Symbol denotes – **HIGHLY RECOMMENDED, and should be considered.** Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.

Hydraulics



Pneumatics



Introduction to Hydraulics 2 day

Introduction to Electro-Hydraulics 2 day

www.nfpc.co.uk

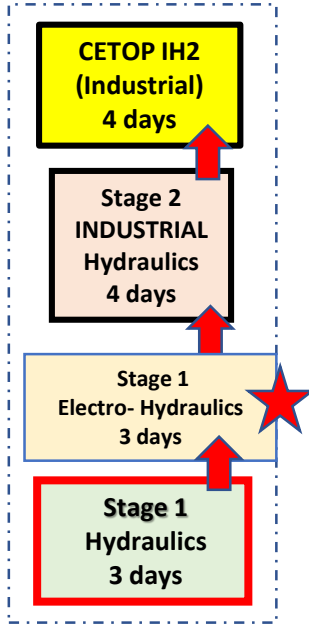
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 Workop, Notts, S81 7AE


NFPC-RECOMMENDED PROGRESSION ROUTES – January 2024 onwards

Recommended Progression Route to obtain CETOP COMPETENCE BASED QUALIFICATIONS

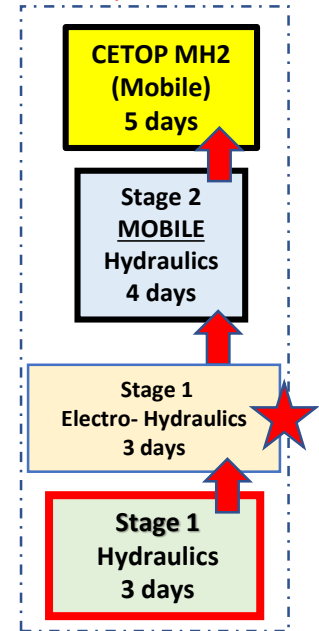
*The National Fluid Power Centre has
over 30 years of experience in delivering and assessing CETOP Competence
Based Qualifications and is the only Centre in the UK offering all levels*

LEVEL 2 QUALIFICATIONS

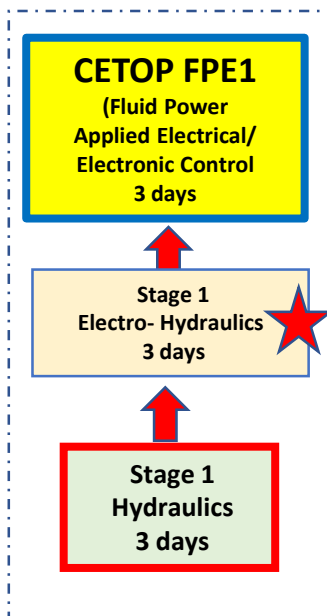


 This Symbol denotes – **HIGHLY RECOMMENDED, and should be considered.** Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.

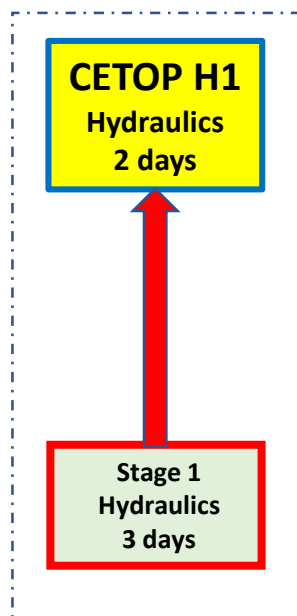
LEVEL 2 QUALIFICATIONS



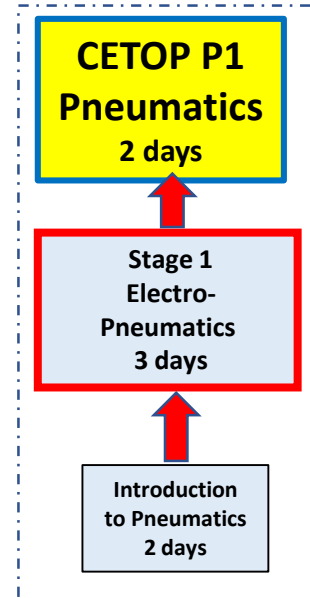
LEVEL 1 QUALIFICATION



LEVEL 1 QUALIFICATION



LEVEL 1 QUALIFICATION



Recommended Progression Route to obtain CETOP COMPETENCE BASED QUALIFICATIONS

The National Fluid Power Centre has over 30 years of experience in delivering and assessing CETOP Competence Based Qualifications and is the only Centre in the UK offering all levels

★ This Symbol denotes – **HIGHLY RECOMMENDED, and should be considered.** Use the NFPC Online Self-Assessment to check your current knowledge levels and to see if you require this course.

This is a 1 Year programme. Induction will take place each year in late July. To obtain this qualification requires a high commitment to personal study. You will be expected to complete 20 written assignments with an EXCELLENT/GOOD mark, complete a written examination with a pass mark of 70% and complete a series of one to one practical task assessments over a period of 4 to 5 days here at the NFPC

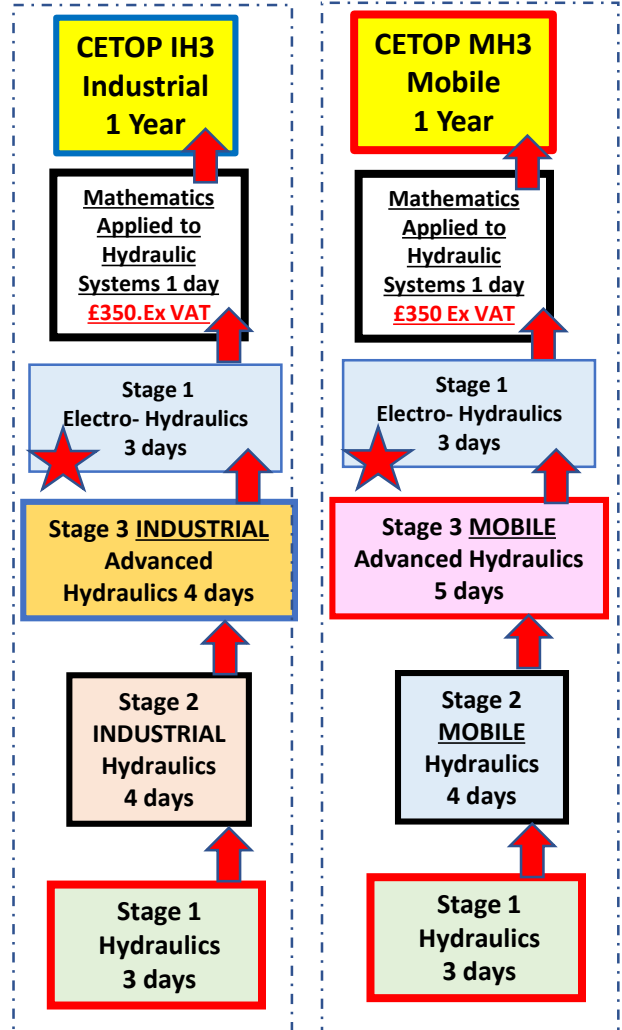
★ DENOTES HIGHLY RECOMMENDED

VISIT THE CETOP WEB SITE AND CHECK THE EDUCATIONAL RECOMMENDATIONS <https://www.cetop.org/education/>

www.nfpc.co.uk

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LEVEL 3 QUALIFICATIONS



Course Title	Duration	Planned Dates	Cost per person Exc VAT	
Introductory Level & Stage 1 (Hydraulics/Electro-Hydraulics)				
Introduction to Hydraulics (BASIC)	2 Day Course	<ul style="list-style-type: none"> • 08-09 Jan • 22-23 Jan • 05-06 Feb • 19-20 Feb • 04-05 Mar • 25-26 Mar 	<ul style="list-style-type: none"> • 15-16 Apr • 07-08 May • 20-21 May • 03-04 June • 17-18 June • 01-02 July • 15-16 July 	£685.00
Introduction to Electro-Hydraulics (Basic) (Maximum 6)	2 Day Course	<ul style="list-style-type: none"> • 15-16 Jan • 12-13 Feb • 18-19 Mar • 02-03 Apr • 13-14 May • 10-11 June 		£685.00
Stage 1 Hydraulics Follow on Course if required CETOP H1 see dates below	3 Day Course	<ul style="list-style-type: none"> • 08-10 Jan • 15-17 Jan • 22-24 Jan • 05-07 Feb • 12-14 Feb • 26-28 Feb • 04-06 Mar • 11-13 Mar • 18-20 Mar • 25-27 Mar 	<ul style="list-style-type: none"> • 02-04 Apr • 15-17 Apr • 22-24 Apr • 07-09 May • 13-15 May • 20-22 May • 10-12 June • 17-19 June • 24-26 June • 01-03 July • 08-10 July • 15-17 July 	£1090.00
Stage 1 Electro- Hydraulics (Maximum Candidates = 4) Follow on course if requires is new CETOP FPE1 dates below	3 Day Course	<ul style="list-style-type: none"> • 17-19 Jan • 14-16 Feb • 20-22 Mar • 15-17 May • 24-26 June 		£1090.00
CETOP LEVEL 1 Competence Based Qualifications				
H1 (Hydraulics) and FPE1 (Applied Elec/Elec)				
<u>CETOP H1 Hydraulics</u> Competence Based Qualification This involves: <ul style="list-style-type: none"> • Top up Technical Lectures • Written Exam Pass Mark 60% • Practical Task Assessment 	2 Day Course	<ul style="list-style-type: none"> • 11-12 Jan • 18-19 Jan • 25-26 Jan • 08-09 Feb • 15-16 Feb • 29 Feb- 01 Mar • 07-08 Mar • 14-15 Mar • 21-22 Mar 	<ul style="list-style-type: none"> • 18-19 Apr • 25-26 Apr • 16-17 May • 23-24 May • 13-14 June • 20-21 June • 27-28 June • 04-05 July • 18-19 July 	£685.00
<u>NEW CETOP FPE1</u> Applied Elec/Elec Competence Based Qualification This involves: <ul style="list-style-type: none"> • Top up Technical Lectures • Written Exam Pass Mark 60% • Practical Task Assessment 	3 Day Course This will involve: Written Exam- 60% Pass Mark And One to one practical task assessment	<ul style="list-style-type: none"> • 22-24 Jan • 19-21 Feb • 25-27 Mar • 20-22 May • 01-03 July 		£1090.00
www.nfpc.co.uk		National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE		

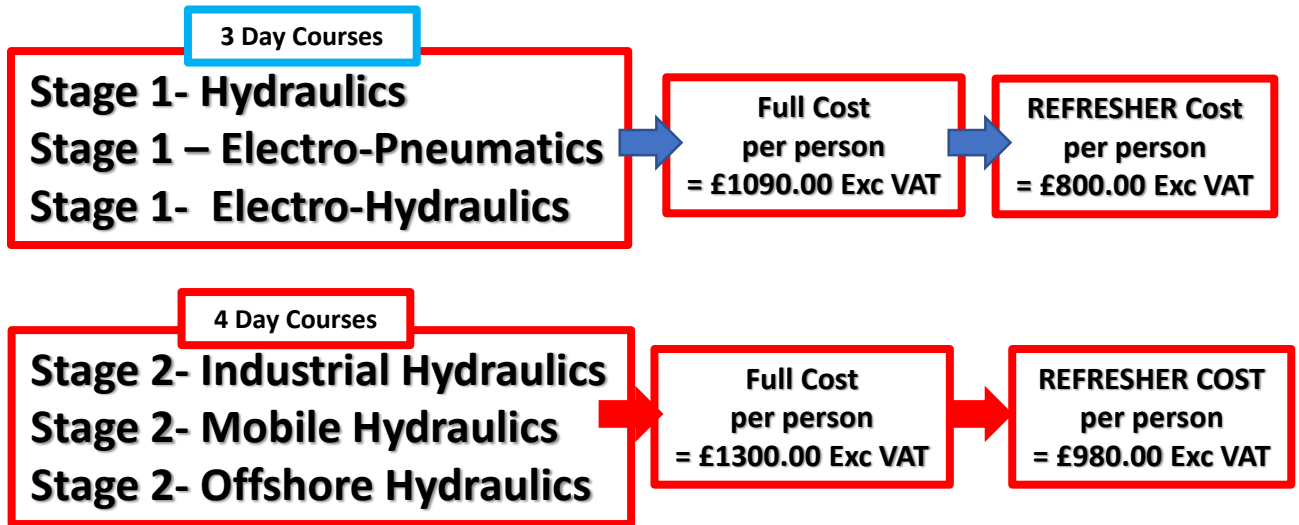
Course Title	Duration	Planned Dates	Cost per person Exc VAT
MAINTENANCE & MANAGEMENT (Stage 2 Courses)			
Stage 2 INDUSTRIAL HYDRAULICS (Maximum 12)	4 Day Course	<ul style="list-style-type: none"> • 22-25 Jan • 19-22 Feb • 18-21 Mar <ul style="list-style-type: none"> • 22-25 Apr • 20-23 May • 10-13 June • 08-11 July 	£1300.00
Stage 2 MOBILE HYDRAULICS	4 Day Course	<ul style="list-style-type: none"> • 12-15 Feb • 25-28 Mar • 15-18 Apr • 28-31 May 	£1300.00
Stage 2 OFFSHORE HYDRAULICS	4 Day Course	ON REQUEST (Minimum of 4 Candidates)	£1300.00
CETOP LEVEL 2 Competence Based Qualification			
CETOP IH2 INDUSTRIAL Hydraulics Competence Based Qualification	4 Day Course This will involve: Written Exam-60% Pass Mark And One to one practical task assessment	<ul style="list-style-type: none"> • 29 Jan-01 Feb • 25-28 Mar • 28-31 May 	£1400.00
CETOP MH2 MOBILE Hydraulics Competence Based Qualification	5 Day Course This will involve: Written Exam- 60% Pass Mark And One to one practical task assessment	<ul style="list-style-type: none"> • 26 Feb-01 Mar • 29 Apr-03 May • 24-28 June 	£1470.00
Stage 3 Advanced Hydraulics			
Stage 3 INDUSTRIAL (Advanced Hydraulics)	4 Day Course	ON REQUEST	£1200.00
Stage 3 MOBILE (Advanced Hydraulics)	5 Day Course	ON REQUEST	£1470.00
CETOP LEVEL 3 Competence Base Qualifications			
CETOP LEVEL 3 (IH3) INDUSTRIAL HYDRAULICS	1 YEAR 1 st Aug 24 to 31 st July 25	Induction July 2024 RESERVE YOUR PLACE SEE PREREQUISITES	£2100.00
CETOP LEVEL 3 (MH3) MOBILE HYDRAULICS	1 YEAR 1 st Aug 24 to 31 st July 25	Induction July 2024 RESERVE YOUR PLACE SEE PREREQUISITES	£2100.00
The above Qualification will involve: 20 Written Assignments, up to 5 days at the NFPC carrying out Practical Task Assessments and a final written examination with a pass mark of 70%			
www.nfpc.co.uk		National Fluid Power Centre Ltd, Turner Rd Worksop, Notts, S81 7AE	

Course Title	Duration	Planned Dates	Cost per person Exc VAT
STANDARD HYDRAULIC RELATED COURSES			
Stage 2 PUMPS & CONTROLS	3 Day Course	<ul style="list-style-type: none"> 15-17 Jan 11-13 Mar 07-09 May 22-24 July 	£1090.00
Stage 2 ACCUMULATOR COMPETENCE	2 Day Course	<ul style="list-style-type: none"> 29-30 Jan 19-20 Feb 04-05 Mar 02-03 Apr 28-29 May 17-18 June 22-23 July 	£735.00
Hydraulic Hose Assembly	1 Day Course	<ul style="list-style-type: none"> 08 Feb 14 Mar 	£350.00
Stage 2 HYDRAULIC TROUBLESHOOTING	2 Day Course	ON REQUEST	£750.00
BASIC HYDRAULIC (Industrial) SYSTEM DESIGN WEBINAR BASED via ZOOM (This course involves online tests and projects)	6 Sessions Friday Mornings (3 Hour Sessions)	Date to be confirmed	£995.00
<u>Apprentice Summer School</u> <ul style="list-style-type: none"> Introduction to Hydraulics (2 days) Introduction to Electro Hyd (1 day) Stage 1 Hydraulics (3 days) CETOP H1 Hydraulics (2 days) 	8 days Monday 1pm to Friday 12.00 (2 consecutive weeks)	Week 1 (15-19 July) Week 2 (22 -26 July)	£1775.00
PNEUMATIC RELATED COURSES			
Introduction to Pneumatics	2 Day Course	ON REQUEST	£685.00
Stage 1 Electro-Pneumatics Follow on course if requires is CETOP P1 dates below	3 Day Course	<ul style="list-style-type: none"> 05-07 Feb 22-24 Apr 13-15 May 10-12 June 	£1090.00
CETOP P1 PNEUMATICS Level 1 Qualification			
CETOP P1 Pneumatics Competence Based Qualification This involve: <ul style="list-style-type: none"> Top up Technical Lectures Written Exam Pass Mark 60% Practical Task Assessment 	2 Day Course	<ul style="list-style-type: none"> 08-09 Feb 25-26 Apr 16-17 May 13-14 June 	£685.00

If 3 years have passed since you last attended a specific course here at the NFPC, we recommend you to consider REFRESHER TRAINING

*We will offer you Refresher Training at a reduced rate- To qualify for this you must send us a **copy of your original course certificate signed by the NFPC Director and dated** to Anne Clarke NFPC Booking & Customer Liaison Officer (ac Clarke@nfpc.co.uk)
Tel No. 01909 504539. We will then look at available course places and fit you in accordingly*

Refresher Courses- Reduced Prices



STAGE 2 – REFRESHER OPTIONS-

The above 4 day courses consist of 2 Days Knowledge Based and 2 Days Practical Training. If you only wish to take up 2 days of refresher training (you choose and let us know) Knowledge Based or Practical

The Cost for a 2 day refresher would be £490.00 per person Exc VAT

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

Note- Prices may be subject to change