

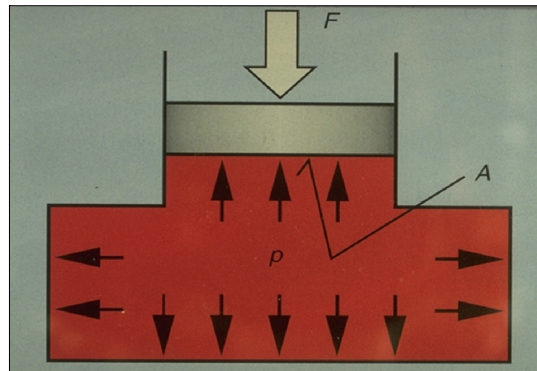
An Introduction to Hydraulics - Course Syllabus

Introduction

A one or two day course ideal for all personnel who are new to hydraulics and have direct hands on involvement with hydraulic systems and components.

Aims

- To impart a basic understanding of hydraulics and safety
- To allow participants to become familiar with fluid power technologies such as pump flow, cylinder speed and forces
- To introduce basic hydraulic theory in a practical way, physically handling core hydraulic components
- To introduce basic principles of hydro-mechanics, hydro-statics and hydro-kinetics
- To gain a core glossary of terms used within hydraulics



You might benefit from this course if:

- You have no previous knowledge or experience of hydraulics
- You are buying hydraulic equipment
- You are working on projects that utilise hydraulic equipment
- You are an engineer with other skills who would benefit from an overview of hydraulics
- You are managing a team where hydraulics are utilised but you have no knowledge of the field

Course content

- Why hydraulics?
- Basic principles of hydro-mechanics, hydro-statics and hydro-kinetics
- Hydraulic circuits and symbols
- Hydraulic fluids, pumps, cylinders
- Accumulators and accumulator applications
- Valves: Non return, Directional, Pressure Control and Flow control valves, including the servo valve.
- Filters and filtration technology.
- Glossary of terms

Systems Services incorporate the following for each delegate in each training module:

- Full training notes including a copy of the course notes and attendance certificate.
- An additional package of useful information relevant to the course completed.

For more information please contact training@systems-services.com or call 01205 724242

“The course was very helpful to me”