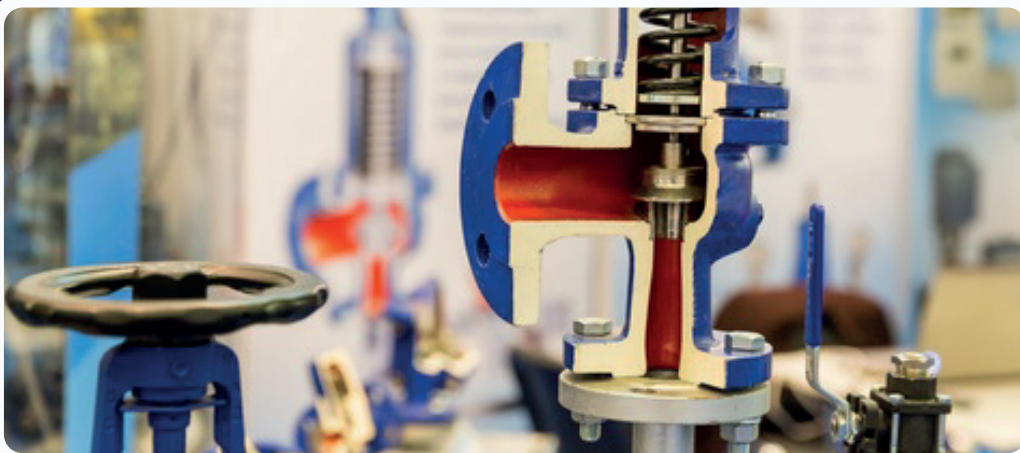



Introduction to Valves

This course can only be purchased as part of **Industrial Equipment I** bundle



-  Self-paced
-  18 modules
-  4.5 hours
-  English
-  1-yr access
-  SPC701



Learn from home
100% online training



Video Lectures
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Available 24/7
1-year unlimited access



Receive Personal Certificate
to prove your knowledge

Course Objective

"To give professionals working with piping systems a strong fundamental understanding of valve types and their use."

Program

Module 1	Introduction to Valves	Module 10	Plug Valve
Module 2	Valve Types	Module 11	Diaphragm Valve
Module 3	Part 1 - Final Thoughts	Module 12	Reducing Valve
Module 4	Part 2 - Intro	Module 13	Pinch Valve
Module 5	Valve Components	Module 14	Butterfly Valve
Module 6	Valve Actuators	Module 15	Needle Valve
Module 7	Valve Types	Module 16	Check Valve
Module 8	Globe Valves	Module 17	Relief and Safety
Module 9	Diaphragm Valve	Module 18	Summary

Results

After this course, you will be able to...

- ✓ Identify and name valve components,
- ✓ Identify common valve types,
- ✓ Identify common valve actuators,
- ✓ Know the characteristics and applications for different valve types,
- ✓ Chose a suitable valve for any application.

And much much more!

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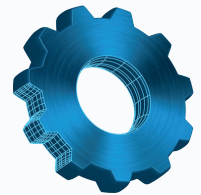
Main Instructor



Jon Russell

Entrepreneur & Engineer, saVRee

Industrial Equipment, Static & Rotating



saVRee exists to help people learn about the fascinating world of engineering. Since opening the website in 2017, they have helped over 25,000 online students increase their engineering knowledge. They have also helped their clients train thousands of their own trainees and apprentices, particularly in the Power Generation, Oil and Gas, Automotive, and Electrical Engineering industries.

Course Summary

Valves are used in every engineering industry on the planet. When you wash your hands, you open a valve. When you shower, you open a valve. Valves are required any time you want to start, stop, or control flow within a system. But have you ever wondered...

- Why do we need so many different valve types?
- What kind of valve is correct for x,y,z application?
- What are the pros and cons of each valve type?
- How exactly do different valves function?
- This engineering course will help you answer all these questions and many more!

The course is designed to take you from zero to hero concerning valve knowledge. Even if you already have some background knowledge, this course will serve as an efficient refresher. Whatever your level of understanding, or engineering background (oil & gas, mechanical engineering, HVAC, chemical engineering, power engineering, etc.), this course will provide you with a strong understanding of different valve types and their details.

Who should attend this course

- This course is designed for Piping Designers, Pipe Stress Engineers, Mechanical Engineers, Process Engineers, or Maintenance Engineers with 0-3 yrs of experience.
- This course is beneficial for anyone in the oil & gas, HVAC, chemical engineering, mechanical engineering, or power engineering industries.

Prerequisites

- Experience in an engineering field such as oil and gas, chemical engineering, power engineering, mechanical engineering etc. is beneficial, but not required.

Level Foundations