



MasterClass Online Foundation Training in Systems Completion with API RP 1FSC Move the Needle!



**Calling all CSU Professionals
We have a great deal just waiting for you.**

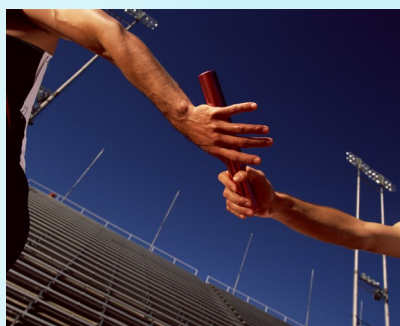


What People Say About Us

“MasterClass gave me an understanding of the capabilities of current Completions Management Systems, the role they can play in providing organization and structure for the Completions process, and the value that the good ones like Zenator provide as a tool for assuring complete documentation packages for turnover to Operations.” ~ Jerry L McAfee, Process Plant Startup Director, Process Technical Services

“The course was definitely worthwhile and I recommend it. Projects with complex arrangements and technology such as ours, will really benefit. The discussions during the course are very valuable and would not come up otherwise. I believe this has provided a good kick start to CSU.” ~ Andrew Easton, Marine Technical Authority, Shell Stones Project

“As Commissioning & Start-Up continues to grow recognition in its importance and value, I realized that immersive training classes would be needed to gain a better understanding. Global Falcon offered a course on Commissioning & Start-Up with API RP 1 FSC led by Alan Mills. To manage my novice understanding, Alan kept ensuring the content was clear and the brainstorming/discussions in the room were relevant to all attendees. On top of that, the customer service made me feel warm and welcomed. Overall, the training class was intuitive and it was clear that Alan and company had invested a lot of resources in developing the content and facilitation process. If it is feasible to attend this I highly recommend Falcon Global as it has been integral to my development in this space!” ~ Aadel Sarfani, CP Supply Chain Lead, Shell Vito



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Developed and Distributed by Falcon Group





Visionary Leadership



Effective Teamwork

MasterClass Series ~ Classroom-based or Online
3 products: Foundation, Advanced and Leadership

For Project Teams (Public or Private Training)

- ♦ 5-day, 30-hour Foundation course
- ♦ 4-day, 24-hour Foundation course (English as 2nd Language)
- ♦ 3-day, 24-hour intensive Foundation course

For Commissioning Engineers (Public or Private Training)

- ♦ 3-day, 18-hour Advanced course (English as 2nd Language)
- ♦ 2-day, 16-hour intensive Advanced course

For Senior Managers and Investors (Public or Private Training)

- ♦ 1-day, 6-hour Leadership course

Private training content is tailored to meet customer requirements.

MasterClass Online for individuals or groups is self-paced learning where the student chooses when they would like to study and over what period of time they have available to complete the course.



MasterClass will teach you:

- ♦ **How to do Systemization**
- ♦ **FATs and Preservations**
- ♦ **Gap Analysis**
- ♦ **Effective Pre-Commissioning**
- ♦ **Punch List Management**
- ♦ **MoC and PSSRs**
- ♦ **System Turnovers**
- ♦ **Handover to Operations**
- ♦ **... and much more ...**



MasterClass Online Foundation Training in Systems Completion with API RP 1FSC *Ideal for remote working and anyone working from home (WFH)*



What is it?

MasterClass CSU training is based on the American Petroleum Institute Recommended Practice for Facilities Systems Completion (API RP 1FSC). It is applicable to all sectors in the Energy and Process Industries, including Petrochemical Plants, Offshore and Subsea, Nuclear and Renewables. Classroom or online training covers the entire project life cycle through Commissioning and initial project Start-Up.

Who is it aimed at?

Managers to Engineers and Technicians / Operators with experience and involved in the Systems Completion and Commissioning & Start-Up of a project. Also Construction Managers and Engineers from stakeholder organizations.

How will I benefit?

By the end of this course, you will have learnt how to:

- ◇ Achieve successful CSU on any project by applying the Critical Success Factors
- ◇ Develop and justify a budget for CSU
- ◇ Apply the Systemization process and formulate the Start-Up sequence of priority Systems
- ◇ Perform Gap Analysis, know how to apply the results
- ◇ Persuade Construction and major stakeholders to be successful in the CSU process

Value Proposition to Employers

Each Learner completing the course will receive an API-U endorsed certificate worth 18 hours CPD/PDH. Apply CSU skills to advance your employer's reputation to bring considerable cost savings on current and future projects.

[Click here to sign up and register for classroom or online training now!](#)

Classroom Course Summary (Online course is similar with Quizzes at the end of each Module)

Day 1

- Overviews of Systems Completion and Commissioning Phases
- Case Studies
- Commissioning Manager, the CSU Team and preparation activities

Day 2

- Planning, Budgeting and Systemization
- Auditing and Gap Analysis
- Pre-Commissioning Activities, Services and Equipment

Day 3

- Dynamic Commissioning Activities, Process Safety, Preparing for initial Start-Up
- Critical Success Factors for CSU
- Assessment Test and Questionnaire.



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Overview

Curriculum

Instructor

Reviews

Introduction

Refer to Introduction videos and PowerPoint slide deck

- What is Commissioning?
- Many Changes and Some Similarities
- What is Systems Completion?
- The Relationship between Systems Completion and Commissioning
- Safety and Environmental Considerations
- The Commissioning Approach
- Influence Curves
- Refer to Introduction videos and PowerPoint slide deck
- Quiz - Introduction

Take MasterClass Online at your pace. This course is completely flexible to meet the needs of your career, family, and work-life balance.
Agree the pace of your plan with your line manager and share with the MasterClass Instructor.

Module 1: Introduction and Course Overview Workshop

A note to Senior Managers

The consequences of not following the direction given in this course are the usual scenario that will be familiar to many of you.

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Module 2: Commissioning, Systems Completions

Completions Pyramid © 2005
With reference to API RP 1FSC Figure 1

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Module 3: Safety and Environmental Considerations

- Awareness of safety and specific environmental conditions;
- Compliance with health, safety and environmental regulations;
- Some factors are constant, irrespective of environment:
 - Well-trained people in the Commissioning Team;
 - Broad and diverse range of skills and expertise;
 - Sufficient resources to control commissioning activities;



Beat the pandemic — train online and rejoin the workforce with highly valuable skills.

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MasterClass Online is your route map for progressing your career.