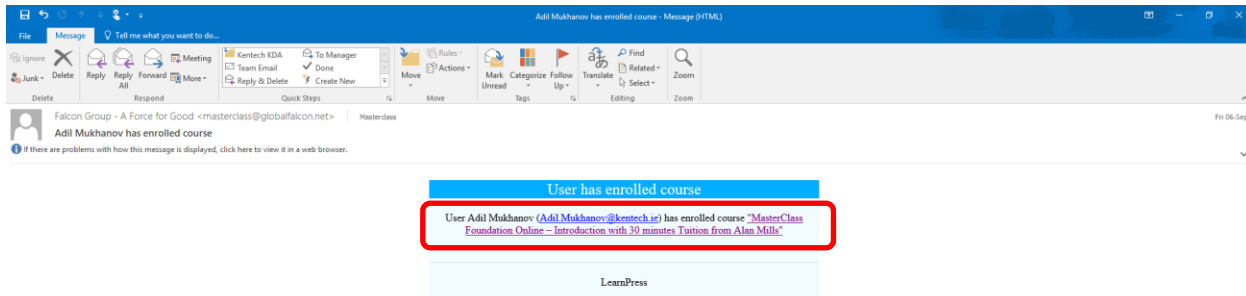


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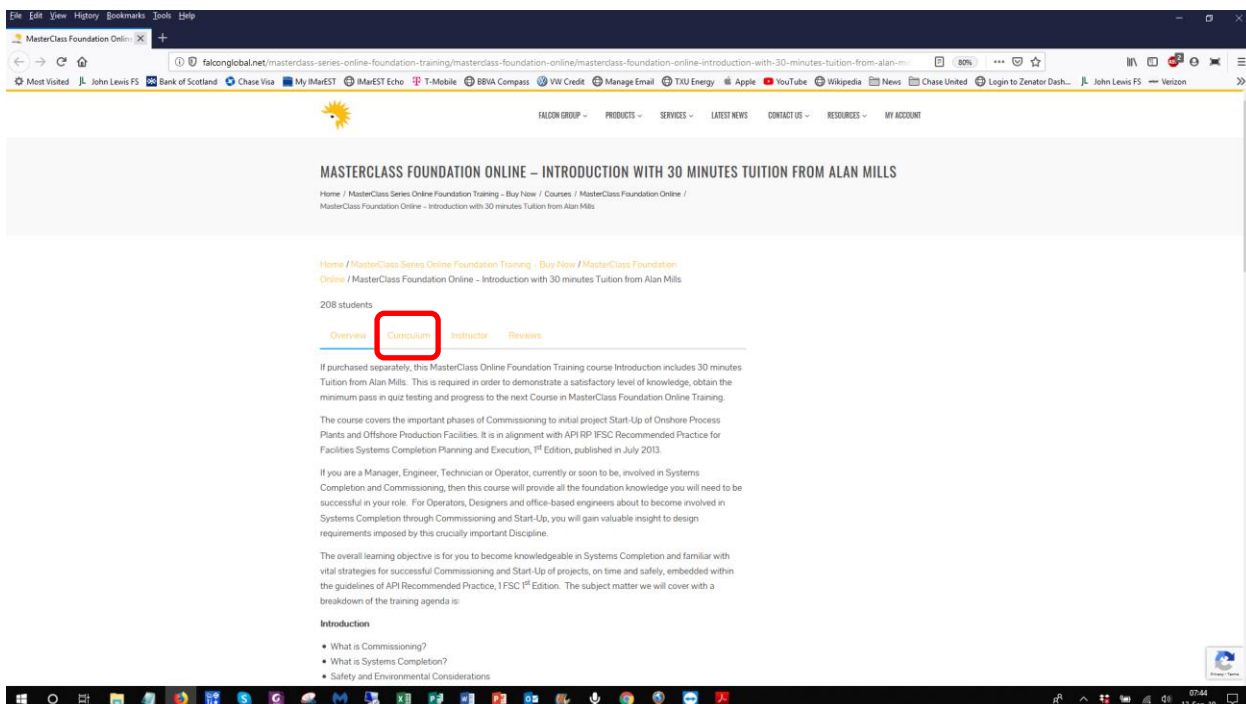
[Your Name] has enrolled course



This is an example of the email you will receive, now click on the link



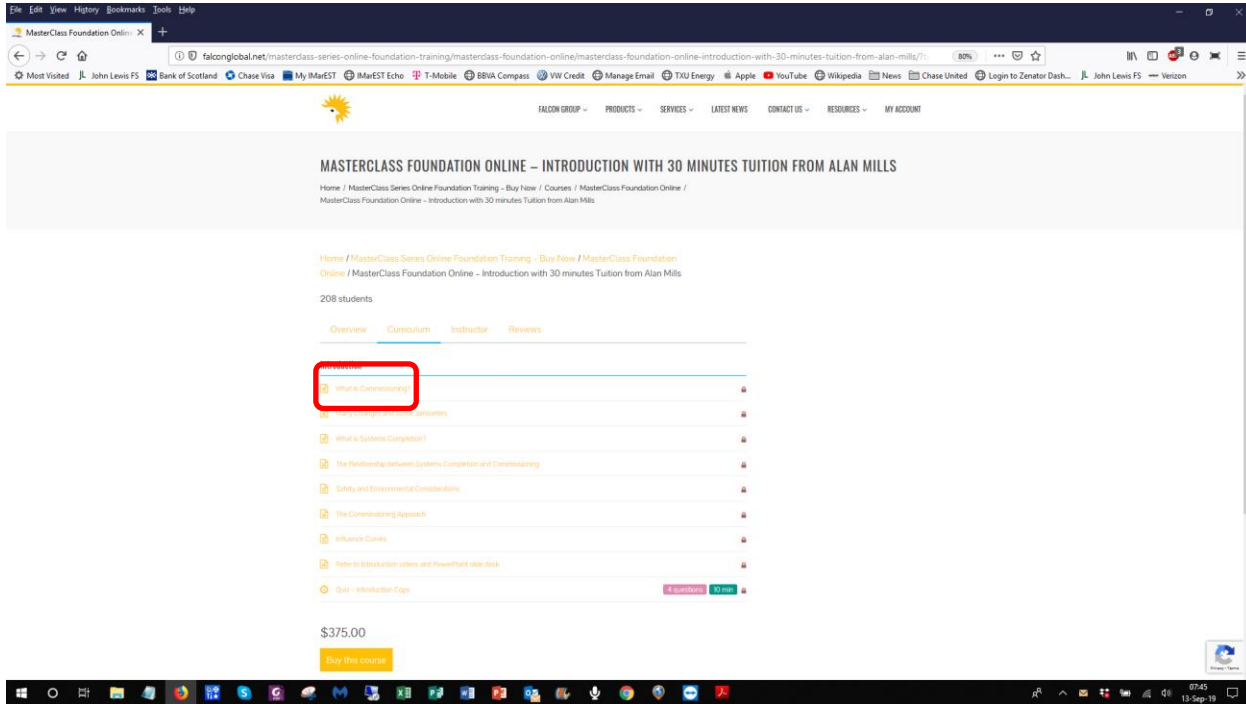
This is the screen you will see, click the Curriculum tab



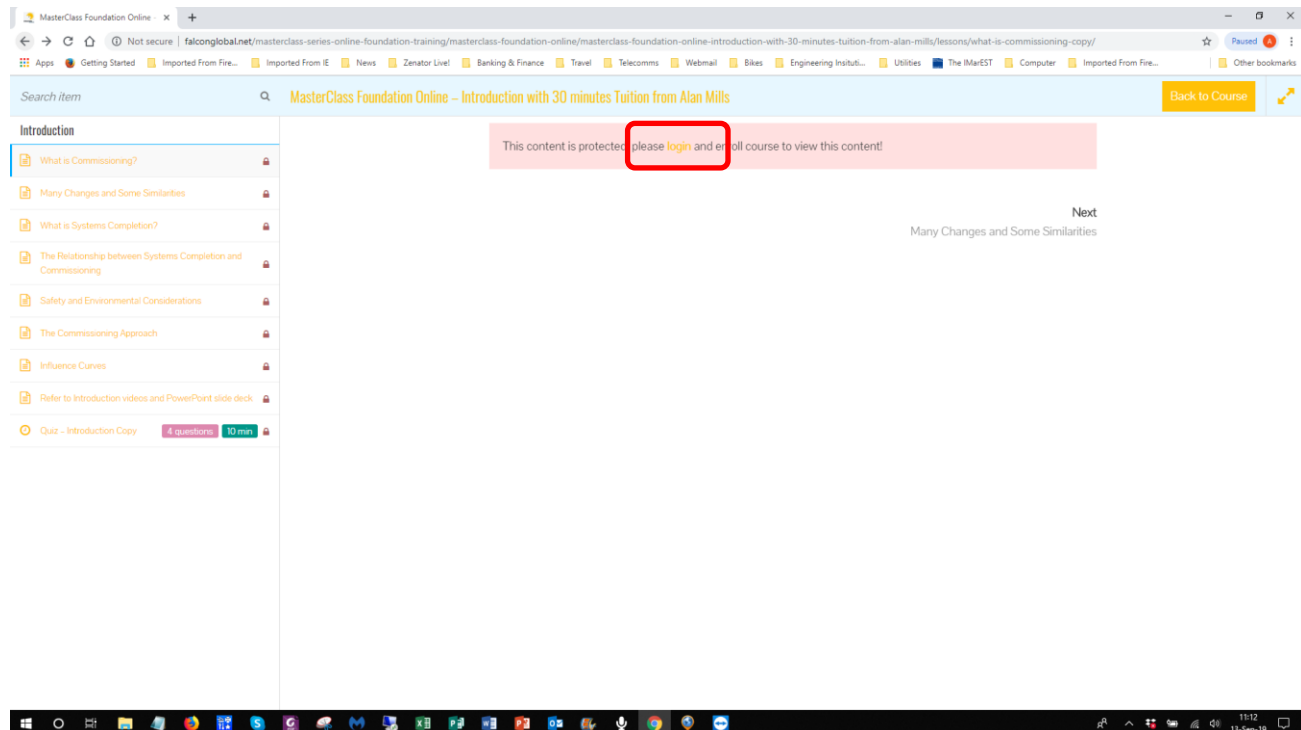
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You see the list of subjects you will cover in Introduction



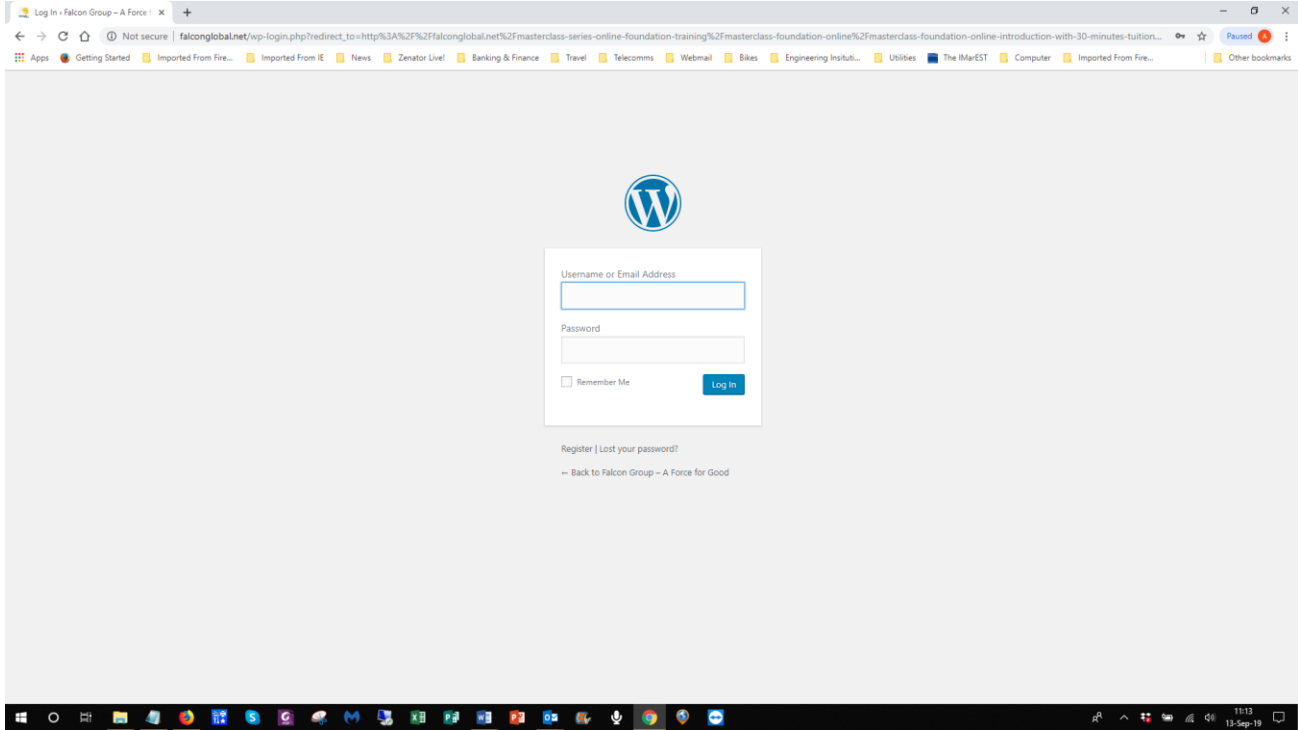
Start with What is Commissioning? Then login



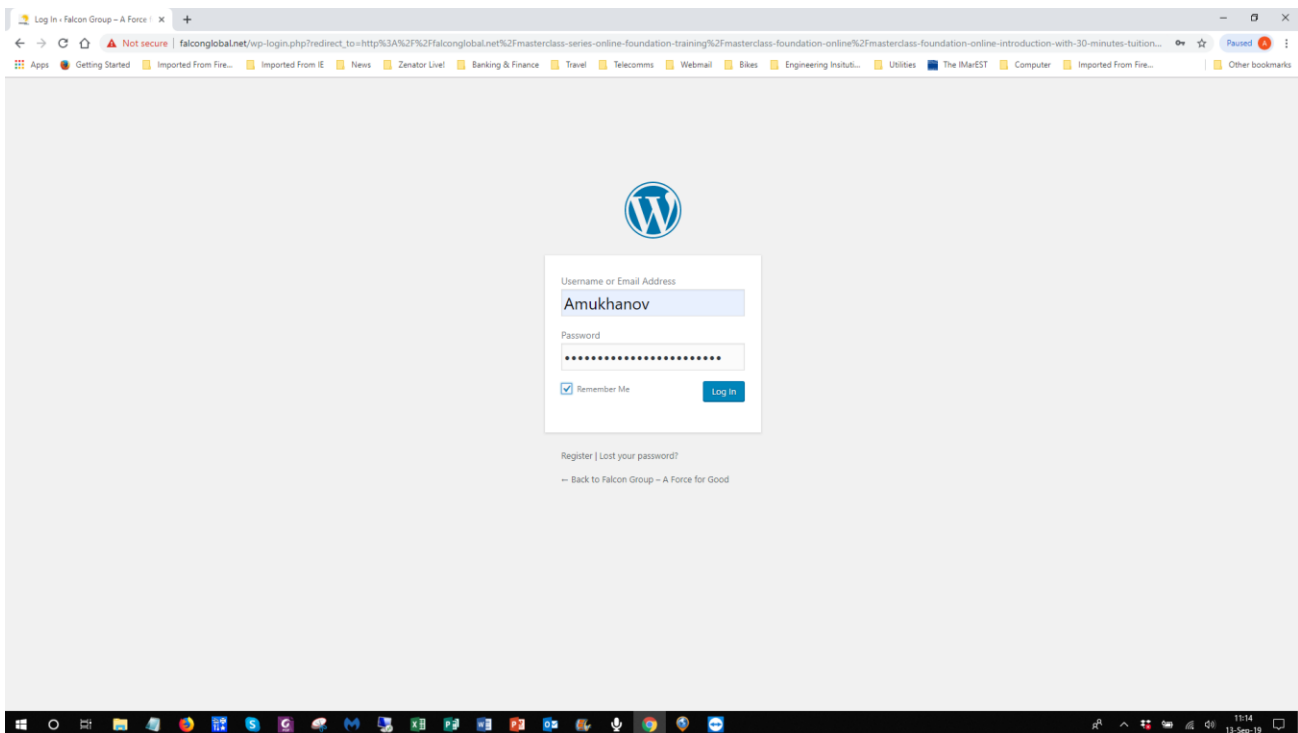
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This is the login screen



Enter the Username and Password sent to you, check the box to remember your credentials



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Don't forget to save your password

This will take you to the beginning, What is Commissioning?

MasterClass Foundation Online - Introduction with 30 minutes Tuition from Alan Mills

What is Commissioning?

The definition of Commissioning, of course, depends on who you ask. Within so many well-established organisations, the definition was implied, as if it was easily understood. All the Super Operators apply a form of Commissioning, which if viewed from far enough away would look nearly identical to the human eye. Only on closer inspection can the differences be discerned. And we need to go deeper to know what is meant by Commissioning.

For a very long time, much of my career, the art and science of Commissioning had not been formally recorded or been part of any engineering degree course that I was aware of. And yet, the Commissioning and Completions phases of a project are arguably the most exciting, enervating times in the life of an engineer when a plant is being made ready for Hand Over to the ultimate End-User, which for most cases is Operations.

Looking for description of what it is that we do, one of the best definitions I have encountered is from *Complete Commissioning*, a project management company from Maryland, USA. I have substituted "facility" for their word "building", and highlighted the most relevant parts, it is:

"Commissioning is the process of planning, documenting, scheduling, testing, adjusting, verifying, and training, to provide a facility that operates as a fully functional system per the Owner's Project Requirements. The goal of the Commissioning Process is to enhance the quality of the delivered project by focusing the design and construction team on the Owner's goals for a functional and energy efficient facility. The earlier a Commissioning Provider is involved in the project process the greater the chance there is for the Commissioning Provider to influence corrections without increased costs later."

Compare the above with the definition from API RP 1 FSC:

"Commissioning comprises activities undertaken after Pre-Commissioning to verify dynamically that the functioning of Systems and Sub Systems is in accordance with specified requirements and to verify, as accurately as possible, that the System or Sub System is ready for Start-Up". Reproduced courtesy of the American Petroleum Institute

So it is very strange that the name given to the process of verifying a project has been fully completed, checked, tested, started up and handed over to Operations does not have its own university bachelor's degree or post graduate degree. It is even more strange when you consider that the Commissioning phase actually defines the way a project is completed, so actually describes whether the project is a success or failure.

Enjoy the Course!