



simulation
knowledge
profit

Virtual Classroom Courses on Process Simulation by Inprocess

Benefit from new learning opportunities!

Part of the current Inprocess catalogue of courses on Process Simulation is available in Virtual Classroom format for remote users. This availability comes in two ways:

- **Remote In-House:** for groups of engineers belonging to the same company.
- **Remote Public:** for engineers belonging to different companies (calendar available in our website): <https://inprocessgroup.com/en/courses-and-training/public-courses>

Inprocess' Virtual Classroom courses bring together the benefits of Inprocess' training philosophy (learn by doing) and the capabilities of online-style training.

The full-time presence of the instructor during the five days of the course allows the attendees to gain a complete insight into the course concepts and simulation features, while at the same time letting them interact in a relaxed, informal way with the course instructor.

With the course contents distributed over the course of a week, in an easy-to-follow format, the project experience of Inprocess' simulation expert will facilitate the learning process of the course attendees.

Thermodynamic package selection, steady state, dynamics, degrees of freedom, consistency errors, recycles, column convergence, pressure/flow solver, and boundary limits, amongst others, are process simulation terms which students will get acquainted with, following our hands-on courses.

Some of our most successful Virtual Classroom courses are shortlisted below:

- **Introduction to Steady State Simulation**
- **Introduction to Dynamic Simulation**
- **Dynamic Simulation of Rotating Equipment**
- **Dynamic Simulation of Distillation Columns**
- **Process Control for Process Engineers using Dynamic Simulation**

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Highlights of Inprocess' Virtual Classroom Courses

- **Flexibility:** Class sessions are scheduled in half-days, for a whole 5-day week, for two reasons: firstly, to avoid an excessive and mentally-exhausting concentration on training for a full day. Experience shows that the attention of the students in the last hours of the day diminishes, making this time less productive in terms of training. Secondly, because this allows students to devote part of their time to the other tasks of their daily work. As with physical classroom courses, in-house Virtual Classroom courses' content and length can be tailored to any specific company requirements.
- **Mentorship:** For the rest of the day, when lessons are not being given, the instructor will be available to solve any doubts that the students might have and will address all questions posed by the students the following day, clarifying anything that might have remained unclear and making sure that all the main targets of the module have been achieved. This ensures that no student is left behind during their learning path.
- **Topic focus and Experience:** Inprocess' experts, with several years of experience in using process simulation to solve engineering or operational issues, will be giving the simulation lessons, focusing in each of them on the questions that are most relevant to their daily practice (e.g. distillation, rotating equipment, heat transfer, etc.). It is worth mentioning that Inprocess is a company dedicated to helping clients in using process simulation to achieve their business objectives. Therefore, the know-how of our engineers is based on an extensive problem-solving background and not only on expertise in software functionalities and user interfaces.
- **Learning assessment:** Final tests, with questions regarding the concepts addressed during the course, are available on request. This is a useful tool for companies in order to be able to track the increase in knowledge of the attendees and to keep track of their learning curve.

Technical Requirements

- Laptop/desktop, earphones, valid software license, and stable connection to the internet.

Virtual Classroom Training Characteristics

- **Documentation** of the course sent by email and readily available for each student in the class.
- **Easy access** to the Virtual Classroom through web browser or by downloading the WebEx app in the desktop. Invitations will be sent to each attendee after enrolment on the training course is confirmed.
- **2-way screen sharing** in real time (instructor – student; student – instructor). This facilitates solutions to any doubts or questions and makes every attendee feel part of the training experience through all the questions or issues posed.
- **Chat available** to interact with the instructor and the rest of attendees in real time. This allows Inprocess to keep a record of the questions and issues raised, ensuring that no one is “left behind” while progressing in the training.
- **Full presentation control:** Drawings, comments, arrows, highlighting and many more tools are used by the instructor to focus on the different concepts explained and demonstrated during the course. These annotations can be saved as snapshots that can be made accessible to the attendees. This ensures that the most important tips, the answers to specific questions, and everything outside the scope of the training material is kept on record for the students.
- **Student station remote control:** The online connection allows the instructor (under request) to take control of the student's workstation. This will facilitate both the troubleshooting of individual cases and specific problem solving.

Request more information now

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