

PROCESS SIMULATION ESSENTIALS by Chemstations, Inc.
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Professors in Chemical Engineering departments worldwide have communicated to us for many years that they want to teach "engineering" and not "process simulator usage." Students need to understand the tools they will use in industry, and have an interest in a well-rounded resume/CV. So in response, we've curated a library of materials suitable for use in academic curricula.

Chemstations would like to invite professors, students, and all other interested parties to learn more about our new Process Simulation Essentials for Undergraduate Education program. On our website, we host a set of materials, available to professors and students, including example simulations, recorded videos, presentation slide decks, and even a worldwide student competition.

Process Simulation Essentials - for Education

- PowerPoint slides for instructor use
 - Slide notes included for suggested talking points
 - Use all or only those you choose
- YouTube presentations including:
 - 1-hour introduction specifically for student audience
 - Short How-To Demos on commonly used features
 - 6 other 1-hour segments covering select topics in more detail
- Simulation example files with notes
 - Divided into topics following typical ChemE curriculum
 - Automatically installed with CHEMCAD
 - PDF version available for review outside of program
- **Student Challenge Problem - Process Simulation Cup**
 - Student opportunity to work on real-world simulation problem
 - Compete with students from around the world
- **Further Learning Recommendations**
 - Websites to direct students with questions
 - Articles and books
- **Easy Licensing**
 - Network licensing allows access from any student computer connecting to university computing networks
 - Unlimited copies for computer lab, faculty, and student laptops
 - Full program capabilities, thermo models, and physical property database

Our goal is to assist academia by reducing the teaching workload and empowering students. Specifically, we believe you will:

- Stop hearing "I couldn't get into the computer lab" as an excuse for incomplete assignments
- Focus your time on developing course material instead of teaching simulator use
- Get students up to speed on simulation tool faster
- Expand students' real-world skills and interaction with global network

All materials can be accessed under the ACADEMICS tab at <http://www.chemstations.com/Downloads/>