

Introduction to chemical process design

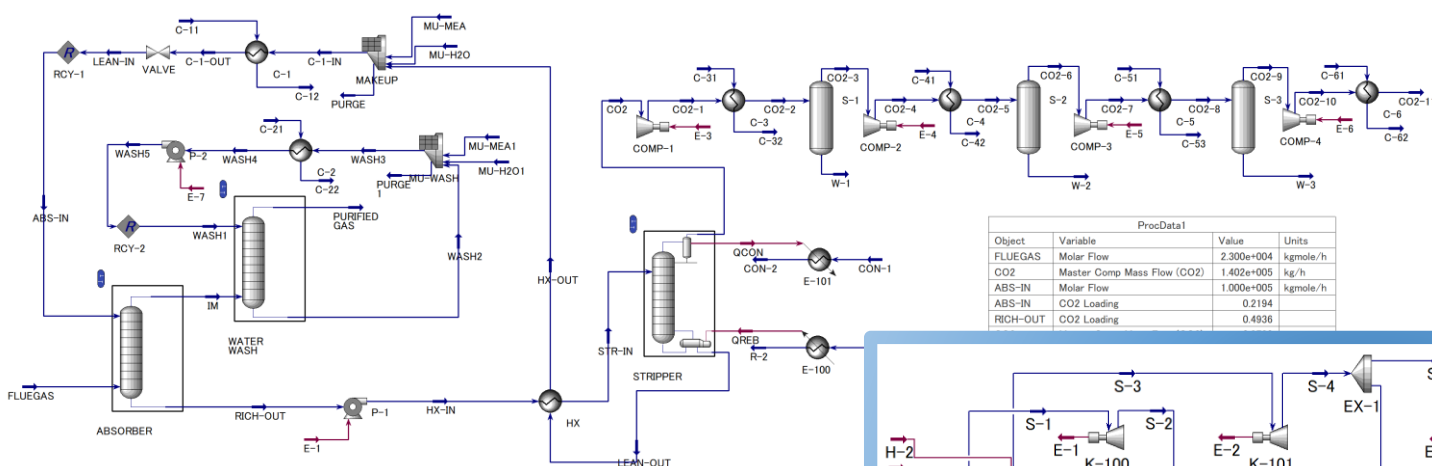
Staff: ○Assoc. Prof. H. Ohno, Assist. Prof. K. Yagihara, Prof. Y. Fukushima

Capacity: maximal 4 students (2 students×2 groups)、Period: 2nd semester Tue 5th period

First day: 8th October 16:20~

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In this course, we will showcase a range of steps involved in simulating a chemical process. These include defining chemical reactions, designing reactors and separators, and optimizing the process for optimal production efficiency.



ProcData1			
Object	Variable	Value	Units
FLUEGAS	Molar Flow	2.300e+004	kgmole/h
CO ₂	Master Comp Mass Flow (CO ₂)	1.402e+005	kg/h
ABS-IN	Molar Flow	1.000e+005	kgmole/h
ABS-IN	CO ₂ Loading	0.2194	
RICH-OUT	CO ₂ Loading	0.4936	

