

Dear Students,

I hope you're doing well. I am your course coordinator for Process Equipment Design-II (ChBC-61). I will be attaching the resource books and the respective sections, as mentioned below, that you have to read and solve thoroughly. If you've any doubts, please email me on fatima@nitsri.ac.in.

Resource Books:

1. Chemical Engineering Design by Towler and Sinnott (Chemical Engineering, Volume 6, Coulson and Richardson)
2. Unit Operations of Chemical Engineering, McCabe and Smith.

Syllabus:

1. Shell-Tube Exchangers (12.1-12.9 – Book #1)
2. Condensers (12.10 – Book #1)
3. Reboilers and Vaporizers (12.11 – Book #1)
4. Evaporators (Chapter 16 – Book #2)
5. Distillation Columns (11.1-11.8, 11.10 – Book #1)
6. Packed Columns (11.14 – Book #1)
7. Crystallizers (10.5.2 – Book #1)
8. Agitated Vessels (12.18.3 – Book #1, Chapter 9 – Book #2)

Stay safe.

Best,

Fatima Jalid
Course Coordinator
Process Equipment Design-II (ChBC-61).