

Process Technology II – Systems

SESSION	RECOMMENDED TOPIC SEQUENCE
1	Introduction and Pre-Test
2	Systems Overview, Potable Water
3	Fire Water, Service/Utility Water, Waste Water
4	Cooling Water
5	Instrument Air, Utility Air, Breathing Air
6	Nitrogen, Natural Gas, Fuel Gas
7	Relief and Flare, Electrical Power Generation and Distribution, Test #1 Review
8	Test #1 , Material Storage - Part 1
9	Material Storage - Part 2, Blending
10	Refrigeration - Part 1
11	Refrigeration - Part 2
12	Steam Generation and Distribution Systems - Part 1 (Overview)
13	Steam Generation and Distribution Systems - Part 2 (Boiler Feed Water)
14	Steam Generation and Distribution Systems - Part 3 (Boilers)
15	Steam Generation and Distribution Systems - Part 4 (Distribution Systems), Test #2 Review
16	Test #2 , Reaction Systems - Part 1
17	Reaction Systems - Part 2
18	Reaction Systems - Part 3
19	Separation Systems Overview, Extraction Systems – Part 1
20	Extraction Systems – Part 2
21	Distillation Systems – Part 1
22	Distillation Systems – Part 2
23	Distillation Systems – Part 3
24	Distillation Systems – Part 4, Test #3 Review
25	Test #3 , Stripping Systems, Absorption Systems
26	Dehydration Systems, Adsorption Systems
27	Filtration Systems, Separation System Comparison
28	Systems Procedures and Troubleshooting

29	Control Systems
30	System Economics and Optimization
31	Test #4 Review
32	Test #4