



AIChE Instructor-Led Course Outline

CH090: Industrial Fluid Mixing

Day 1

8:00 – 8:30 a.m.	Registration
8:30 – 9:00 a.m.	Equipment Selection
9:00 – 10:00 a.m.	Pipeline Mixing
10:00 – 10:15 a.m.	Break
10:15 – 12:00 p.m.	Agitator Power
12:00 – 1:00 p.m.	Lunch Break
1:00 – 3:00 p.m.	Tank Blending
3:00 – 3:15 p.m.	Break
3:15 – 4:00 p.m.	Vortex Depth
4:00 – 5:00 p.m.	Heat Transfer

Day 2

8:30 – 10:00 a.m.	Solids Suspension
10:00 – 10:15 a.m.	Break
10:15 – 12:00 p.m.	Solids Dissolving
12:00 – 1:00 p.m.	Lunch Break
1:00 – 2:00 p.m.	Gas-Liquid Dispersions
2:00 – 3:00 p.m.	Liquid-Liquid Dispersions
3:00 – 3:15 p.m.	Break
3:15 – 4:00 p.m.	Fast Competitive Reactions
4:00 – 5:00 p.m.	ScaleUp