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Department of Civil Engineering  
2014 Autumn Semester  
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*Water Quality Dynamics*

Outline #3: Basic Transport Phenomena

1. Exercise
  - Ex-5 to Ex-6
2. Basics of transport phenomena
  - Dispersion
3. Simple transport equation
  - Completely Mixed System
  - Impulse Input
  - Continuous Input
  - Plug-Flow System
4. Exercise
  - Ex-7 to Ex-9