

**ENVE 641/CHEM 605 Aquatic Chemistry (3 credits)**  
**FALL 2017**

**Instructor**

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**Additional Notes and Policies**

1. **Academic integrity.** (DFK VWXGHQW PXVW EHFRPH DZDUH RI 8\$)¶V SROL  
in the

- Kinetics
  - rate constants, reaction rates
- Aqueous speciation (Ch-5, 6, 7)
  - Solid-Dissolution
  - pC/pH diagrams
- Carbonate chemistry (Ch-8, 9)
  - Buffering and Alkalinity
- Chemistry of aqueous metals (Ch-10, 11, 12)
  - Solubility and precipitation
  - Redox chemistry
- Geochemistry (Ch-13)