

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)