

# ChE 430

## Nanomaterials for Chemical Engineering Applications

### MODULE 10: BATTERIES (Inverted Classroom)

10.1. History of battery technology	A
10.2 Li-ion batteries	B
10.3 Beyond Li chemistry (M-ion with $M \neq \text{Li}$ ) batteries	C
10.4 Solid state batteries	D
10.5 Redox flow batteries	E
10.6 Metal–Air, Redox-Flow, and Other Specialized Systems	F
10.7 Colloidal nanocrystals as active materials	G

Each group will have 10 minutes to cover the assigned topic in a power point presentation followed by 5 minutes discussion.