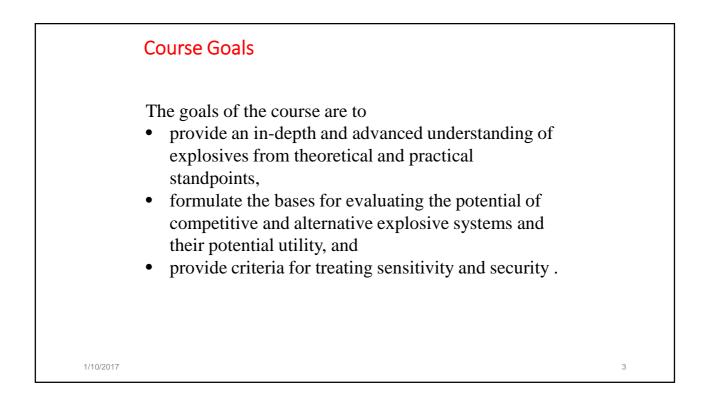
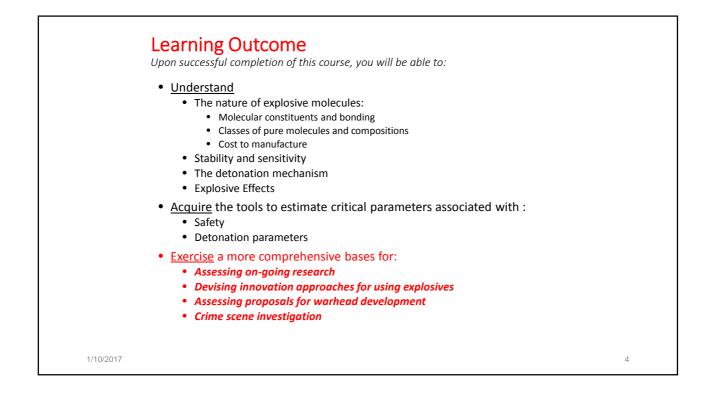
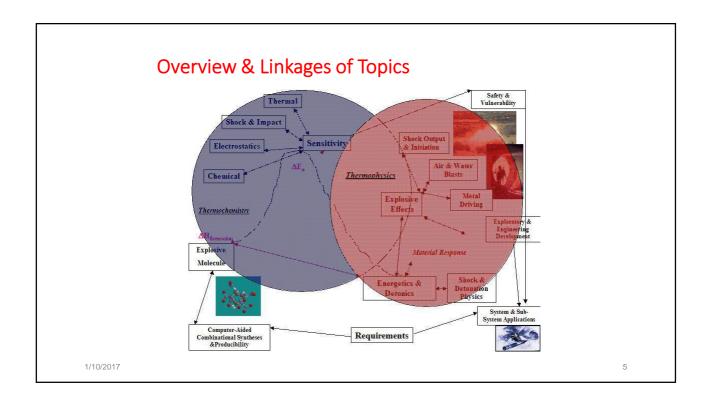
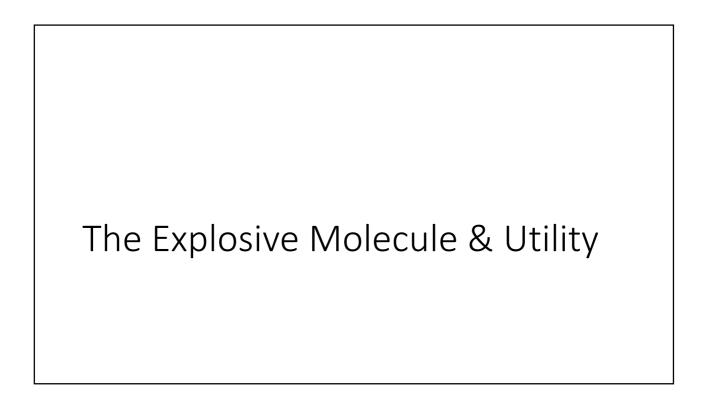


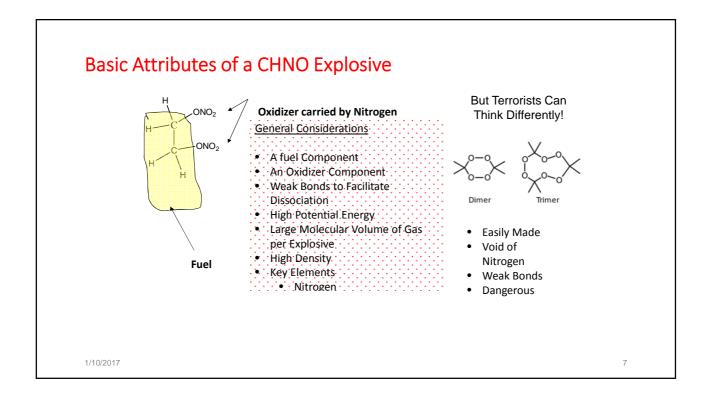
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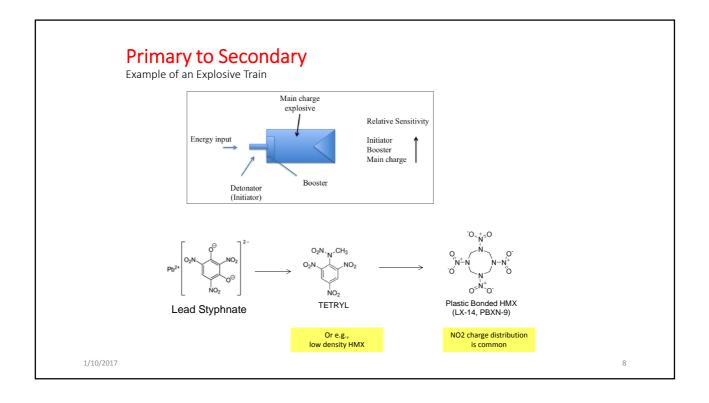












Shock & Detonation Physics

Shocking Up To Detonation

- Unique Characteristics of the hydrodynamic state
 - Elastic to visco-elastic to non-recovery
 - Particle versus shock velocities
 - Conservation Laws
- Conditions of Shock Jump
 - Thermal
 - Electronic
- The Hugoniot and Equation of State
- Practical examples & Solutions
- Detonation
 - Deflagration to Detonation
 - Non-steady to Steady-State (Chapman-Jouguet))

