

## Particle Characterization: Module 1, Lecture 1

1. Define a particle.
2. Conventionally, what is the “nano” size-range?
3. Identify some needs for particle characterization in:
  - a. Everyday life
  - b. Energy industry
  - c. Water usage
  - d. Agriculture
  - e. Environment
  - f. Hard drive manufacturing
  - g. Pharma & medical device manufacturing
  - h. Composite technology
4. Why do **you** want to study “Particle Characterization”?