

7.1 — Prelab 7. Please answer the following questions and hand in as your prelab for Lab 7.

1. What is the basic difference between an open and closed-loop control system?

Closed loop control checks its output while open loop control does not

2. What does the acronym "PID" stand for?

proportional, integral, derivative

3. When does proportional control lose effectiveness?

loses effectiveness as the plant output nears the setpoint

4. Did you watch the intro videos?

yes