## **NAPTA Learning Outcomes**

After taking this course the student should be able to:

## **Process Instrumentation**

- 1. Identify process variables, elements and instrumentation used to measure pressure, temperature, level, flow and analytics.
- 2. Identify symbology, hardware, and instrumentation signal transmission.
- 3. Draw a control loop.
- 4. Identify and troubleshoot instrumentation malfunctions.
- 5. Describe how a control loop works.