

Course Level SLO's: ENER 1540 – Programmable Logic Control

| SLO | Institutional SLO's Aligned With | Examples of Assessments(s)* |
|---|---|---|
| K – Diagram and explain basic parts of a Programmable Logic Controller (PLC), and how they are integrated to operate and control processes automatically. (K-Knowledge) | 2. Computation 3. Critical Thinking 5. Discipline Content | Written Exam Reports Presentations Demonstrations Scenarios |
| S – Program and operate a PLC to control model and simulated process controls and end devices and adjust it to set points. (Skill- Psychomotor) | 1. Communication 2. Computation 3. Critical Thinking 5. Discipline Content | Written Exam Case Study Exercises Scenarios Demonstrations |
| A -Demonstrate how teamwork, problem solving, and trouble shooting skills to solve PLC control anomalies and failures impact a person. (A- Affective) | 1. Communication 2. Computation 3. Critical Thinking 5. Discipline Content | Written Exam Exercises Scenarios Demonstrations |

*These assessments reflect multiple instructors. Not all instructors use all of the assessments listed here.

Instructors may use different assessments at their discretion.

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