

ENGR 4590 Technical Specification Outline

The technical specification should describe your current design and assembly instructions in enough detail that someone could reproduce it using the documentation. Have clear explanations and labeled images, with a complete bill of materials, wiring diagrams, and dimensioned drawings.

GOOD

NEEDS IMPROVEMENT

MISSING

Title page with abstract, team name/number, member names

Table of Contents with page numbers

Current Prototype

- Design description (overall and subsystems)
- Complete CAD with labels
- Assembly instructions
- Photos that show key features
- Wiring diagrams
- Dimensioned drawings
- Bill of materials for prototype: part name, part # from vendor, qty, and supplier/vendor
- Actuator and sensor datasheets
- Any other documentation needed to recreate the prototype (links to datasheets, etc.)

Comments: