This document describes the procedures used to test the electronic compass designed and constructed for ECE411 Practicum project. The test plan outlines the multilevel testing that the compass is being subjected to in order to verify the project requirements. A hierarchical approach was used to formulate the plan beginning with the engineering requirements outlined at an earlier point in the design process.

Several considerations were taken into account in developing this plan. Some of the considerations were test equipment, identifying desired outputs for modules, and time. The test plan begins with an outline of all the tests to be applied to the electronic compass before the project demonstration. Four specific test cases are fully detailed and in a table format.