

EE 491 Weekly Report DEC15-17 Week 16 (9/8/15-9/14/15)

Advisors: Dr. Ravi Hadimani and Neelam Prahbu **Client:** Iowa State University
Members (roles): Marion Okoth (Team Leader), Elizabeth Clarkin (Website) and Matthew Mulloy (Weekly Reports)
Project Title: Magnetic Sensor Design.

Weekly Summary

The main goals this week was to have an introduction to HFSS (High Frequency System Simulator), discuss the semester schedule, and to finalize all pre-work organization.

Meeting notes:

9/8 Group Meeting with Advisors

Duration: 60 min **Members Present:** All

Purpose and Goals:

Meet again after summer

- Schedule one-on-one meetings with Neelam
- Semester Schedule
 - HFSS software instruction and instillation
 - Website Glitches and errors
 - Schedule orientation

9/14 Group Meeting with Advisors

Duration: 30 min **Members Present:** Elizabeth, Matthew

Purpose and Goals:

Introduction to HFSS

- HFSS (High Frequency System Simulator)
 - Geometry
 - Circuit simulation
 - Continued updating for maximum potential
- Member Roles

Pending issues

1. Semester documents
2. Semester goals

Individual Contributions (this week)

Matthew Mulloy: Attended the meetings, semester organization (3 hrs.)

Elizabeth Clarkin: Attended the meetings, professor meeting, semester organization, research broadband impedance matching, battled with ADS (victory uncertain) (5hrs.)

Marion Okoth: Attended meeting, professor meeting, semester organization (3 hrs.)

Total contributions this semester

Matthew Mulloy (8 hrs.)

Elizabeth Clarkin (9 hrs.)

Marion Okoth (5.5 hrs.)

Total contributions for the project

Matthew Mulloy (115.5 hrs.)

Elizabeth Clarkin (140 hrs.)

Marion Okoth (99 hrs.)