# EE 491 Weekly Report    **MAY1627     Week 5 (9/29/15-10/6/15)**

**Advisors: Randy Geiger    Client: Randy Geiger**
**Members (roles): Kelly McConville, Xiayang Sun, Yinkun Peng**
**Project Title: Smart fuel tank sensor**

## Weekly Summary

There was one meeting during last week. Before the meeting all the group members did further research relating to some new methods that may be applied on our project; we stated how those methods works, and also analyzed the merits and drawbacks of each method.

## Meeting notes:

There was 1 meeting in Week 5. We met with our advisor in one of conference room in Coover hall on Wednesday afternoon.

### Group Meeting with Advisors

**Duration: 50** *min*         **Members Present:** Kelly McConville, Xiayang Sun, Yinkun Peng

**Purpose and Goals:**
Share what we found and learned from our research and look for suggestion from our advisor in order to determine the final plan to our object.

**Achievements:**
From the meeting, we have explored some more ideas on designing our project. Professor Geiger gave us some tips and suggestions on how to test each of our methods with experiments.

## Pending issues

1. Test the methods of fuel level measurement by doing experiment.
2. Find a final method to our object.

## Plans for next week

Since Professor Geiger will be out of Ames this week, there will be no meeting. All group members will do some experiments on testing the validity of each method we have listed. After that, we will try to determine our final scheme.

## Individual Contributions(this week)

Kelly: doing researches (3 hours)
Xiayang: doing researches (3 hours)
Yinkun: doing researches (3 hours)

## Total contributions for the project

We all listed several applicable new methods to measure fuel level in tank based on some articles, and concisely explained the function of each method.