

**EGR 401 – Capstone Design**  
**Deliverable 1: Problem Definition and Needs Identification**  
**Due: By midnight, Monday, September 29, 2014**

The following is a list of the required sections for this deliverable.

1.1 Initial Problem Statement

1.2 Client Interview

1.3 Background Research and Relevant Technology

1.4 Objectives Tree

1.5 Comparison Chart (Optional)

1.6 Problem Definition

Please start each section on a new page and clearly indicate the section number. You may feel free to include subsections within each section. You may also include additional sections as you feel needed. Please use the cover sheet template shown on the next page for this deliverable.

**What to Submit:**

- Name your deliverable file using the file name: Del1\_TeamName\_ver1\_date.pdf (please fill in your team's name and version number and date information using e.g., 2014-09-29). Also, on the pdf of your deliverable, at the bottom left of each page, make sure you include the version number and date information.
- In a separate file named: HoursLog\_TeamName\_ver1\_date.xlsx, record each team member's hours including a short (one line) description of the task performed and the time spent on the task, rounded to the nearest 0.25 hrs.
- *Also send your deliverable file and time log to your client and advisor (via email or hardcopy). Submit the evidences that acknowledge the receipt from the client and advisor to Blackboard within one of the due date of this deliverable.*

**Submit all required files on Blackboard – under Tools – then your Group – create Journal Entry (use Journals not Blogs for privacy).**

**EGR 401 – Capstone Design**  
**Deliverable 1: Problem Definition and Needs Identification**

Project Title: \_\_\_\_\_

Team Name: \_\_\_\_\_

Team Members: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Client's Name: \_\_\_\_\_

Advisor's Name: \_\_\_\_\_

Version: \_\_\_\_\_

Date: \_\_\_\_\_