

## Group Roles during Labs

### **Within-Group Peer Assessment**

The Level of Participation of each group member is assessed weekly by his/her within-group peers for each lab performed.

The participation level of each group member is rated by the within-group peers on the individual's performance level in assigned group roles during labs experiments and during the preparation of the lab report.

The average of the within-group peer ratings is added to the individual's earned points for a particular lab report.

#### **Manager:**

In charge of the proper conduct of the experiments as well ensuring that **all** steps in the experiments are performed. In the lab report the manager makes sure that all sections of the lab report are completed and all analysis questions are answered.

- Outlines the experiment procedure for the group
- Manages time
- Keeps group on task
- Supports participation from all team members.

#### **Recorder:**

In charge of the proper recording of all experimental data necessary to complete the lab report. In the lab report, the recorder makes sure that all data are reported (tables, graphs etc.) completely and orderly, including experimental uncertainties.

- Monitors and records experimental data
- Ensures that all group members agree with experimental results
- Verifies that all group members understand experiment plan and results.
- Submits lab reports for the team

#### **Skeptic:**

In charge of the proper analysis of the data. Compares the theoretical predictions with the experimental results to draw the right conclusions. Explains deviations/contradictions between theory and experimental outcomes.

- Ensures that data interpretation is correct
- Suggests alternate methods or interpretations of the experiment
- Questions experimental results and understanding of experiment plans.
- Ensures that all facets of the experiment's questions and results are explored