School of Electrical Engineering & Computing
University of Newcastle
COMP1010 – Computing Fundamentals

Workshop Week 2

General instructions: The workshops have been designed to complement your lecture topics by illustrating the theories presented and giving students an opportunity to discuss ideas. The course will also require you to be able to write technical reports. Be aware that it is important for people from IT and CS to both understand a problem and be able to present solutions in a clear and precise manner.

Attendance: Attend one workshop, starting in week 2. You should go to the specific class you have enrolled in.

Workshop Schedule:

Workshop Topics	Week
Group communication skills;	2
Concepts of hardware and software systems;	3
Concepts of hardware and software systems;	4
Project management;	5
Software development;	6
Software development;	7
Mid Semester Break	
Modelling hardware and software systems;	8
Modelling hardware and software systems;	9 (Group Report Due)
Ethics/Group Presentation	10
Discrete Maths/Group Presentation	11
Discrete Maths/Group Presentation	12
No workshop	13

Assessment tasks: You are required to work in group. You will form your group based on students from the same workshop. Each group should have 4 members, or 3 the minimum.

- *Group Report*
- *Group Presentation*

GROUP COMMUNICATION SKILLS

Introduction: 1 minute for each student to introduce themselves

TEAM CHARACTISTICS FOR SUCCESS
- Share a common purpose
- Identify individual talents and expertise
- Balanced distribution of workload
- Energy directed to problem solving not interpersonal issues/conflicts
- Differences of opinion encouraged to spark positive debate
- Encourage creativity by learning from mistakes not using them as reasons for punishment
- Each member tries to excel and encourage others
- Members identify with the team and its success

How to have a better conversation
- https://www.ted.com/talks/celeste_headlee_10_ways_to_have_a_better_conversation
- Could the skills be used in group communication?

Group discussion
Are there certain skills and traits that are essential to group communication?   (15-20 minutes)
- What are these skills?
- Does anyone use these skills?
- Do all members have approximately the same time to speak?
- Thanking group members for their contributions