

## **Week 2: Basic Programming in C++**

### **Project Group Distribution**

#### **Basic programming in C++:**

Learning Materials: Chapter 2-5

demonstration and practice

- Basic programming structure in C++
- Taking input and displaying output
- **Enumeration**
- Structure
- **Reference argument**
- **Overload function**
- **Inline function**
- **Default argument**
- **Returning by reference**
- **const function argument**

#### **Project Group Distribution:**

The number of students in a group may be 3-4 from the same lab section. Groups will submit the proposal of the project within week 4. It will be reviewed within week 6. Instructors may give some sample project ideas.

#### **Practice:**

**Basic and input and output: chapter 2 exercise 9**

**Enumeration: chapter 4 exercise 6**

**Structure: chapter 4 exercise 8**

**Function: skim through all the example code in chapter 5. Source code available in ftp and google classroom for theory course.**