

# **CSCI910/410 – Software Requirements, Specifications and Formal Methods**

## **Week 2 Tutorial, CCNU Summer, 2020**

### **Objectives**

- Get familiar with the fundamental concepts of software development
- Get familiar with the fundamental concepts of software requirement

### **Exercise 1:**

Based on your own knowledge, discuss why different application types require specialized software engineering techniques to support their design and development.

### **Exercise 2:**

Consider the integration and configuration process model shown in Figure “Reuse-oriented software engineering”. Explain why it is essential to repeat the requirements engineering activity in the process.

### **Exercise 3:**

Suggest why it is important to make a distinction between developing the user requirements and developing system requirements in the requirements engineering process.