1. < Practice for Logistics Software Developing >Course Description

**Course Number：**3142110380

**Course：** Practice for Logistics Software Developing

**Credit(s)：**one credit，30hours

**Course Description：**

This course is devoted to improving students' ability of computer software development, emphasizing the ability of students to solve practical engineering problems by using computer theory knowledge comprehensively. Through related teaching links such as theoretical study, project design, computer programming and project defense, students can master the software development steps and methods.

Course content includes: topic selection, team construction, data gathering, overall planning, process design, database design, software system interface design, write the source code, software system test and the related document arrangement, etc.

**Prerequisite(s)：**

Computer culture basis, advanced language program design, object-oriented programming, data structure, database application base

This course is a comprehensive practical course for students majored in Logistics Engineering. The objective is to deepen students’ understanding of professional knowledge, cultivate their ability to observe, abstract and analyze practical problems, enable them to solve real world problems by using professional theories and methods comprehensively, flexibly and independently. Logistics cases problems and requirements from real word practice are provided for students’ free selection and comprehensive solutions is expected from student groups. In this way, it helps the students to understand how the theoretical knowledge is used in practice. Hence, from the practical sense, helps the students master the methods and procedures of analyzing, planning, designing, evaluating and optimizing of logistics systems through training to enhance their practice ability.