< Modern Logistics Information Technology> Course Description

**Course Number：**3142100890

**Course：**Modern Logistics Information Technology

**Credit(s)：**three credit，48hours

**Course Description：**

Modern Logistics Information Technology (MLIT) is one of the basis of relevant professional courses for logistics engineering students. Through this course, students can systematically grasp and master the basic theory and analytical methods of logistics information technology, and lay a solid foundation for further studying and planning and designing logistics information system.

The main contents of MLIT include:Automatic identification technology(AIT), GS1 system(GS1), Barcode recognition technology(BRT) and its applications in the fields of retail, transportation, storage, packaging and logistics; The basic knowledge and theory and applications of RFID, the applications of EPC and IoT in the field of logistics. Introduce big data and artificial intelligence technology and its application in logistics; Computer communication and network, database, EDI, GIS, GPS, Computer simulation, intelligent transportation system and other logistics information technology；Planning and designing logistics information system by using concepts, methods, theory related to logistics information technology.

**Prerequisite(s)：**

College basic computer，Logistics，Database Principles and Applications，Circuit basis