Course Description:

The main objective of the course is to give students a thorough understanding of database management system (DBMS) fundamentals. The emphasis of this course is on the concepts underlying various functionalities supported by a DBMS and to gain sufficient understanding of a DBMS and its usage, from an end-user/application perspective. This course is divided into three modules: 1) Relational database modeling, 2) Relational database programming, and 3) Advanced topics.