ITSS 4300 Database Fundamentals (3 semester credit hours) Introduces the basic concepts for the design and development of relational databases and database management. Topics include entity-relationship data model, logical database design, data administration, Structured Query Language, and database management issues, such as concurrency control, data security, and integrity. A database management system software package is used to implement working database systems. Prerequisites: ITSS 3300 and IT SS 3312 and (MATH 1325 or MATH 2413 or MATH 2417) and (MATH 2333 or MATH 2415 or MATH 2418 or CS 2305 or OPRE 3333). (3-0) Y