ITSS4300 - Database Fundamentals

**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 **ITSS 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