

ITSS4351 - Foundations of Business Intelligence

[ITSS 4351](#) Foundations of Business Intelligence (3 semester credit hours) Students are introduced to foundational business intelligence (BI) concepts and explore the theory and practice of data warehouses for enterprises. BI concepts including data mart schemas, ETP, OLAP, cubes and reporting will be covered. The course will also examine the components of an enterprise data warehouse, extract, cleanse, consolidate, and transform heterogeneous data into a single enterprise data warehouse, and run queries using a data warehouse. Prerequisites: ([ITSS 4300](#) or [ITSS 4301](#)) and ([MATH 1326](#) or [MATH 2414](#) or [MATH 2419](#)) and ([MATH 2333](#) or [OPRE 3333](#) or [MATH 2418](#) or [MATH 2415](#) or [CS 2305](#)). (3-0) Y