CSSE 333 – Introduction to Database Systems
Learning Outcomes

1. Describe how information models and systems affect and support the operations of organizations
2. Design and interpret Entity-Relationship models and Relational models
3. Justify other data modeling paradigms (such as legacy systems, object-oriented databases, etc.)
4. Design relational databases from problem statements
5. Demonstrate the basic aspects of physical database design
6. Employ SQL-based query languages to access and modify data
7. Develop programs using database techniques such as stored procedures, triggers, etc.
8. Argue the appropriateness of information privacy, integrity, security, and preservation methods in various situations
9. Apply effective written and oral communication skills to develop an information system in a team environment