



# Course Competency Report by Code

Code: C175

## Data Management - Foundations (C175)

Course of Study: C175 - Data Management - Foundations  
Course Level: Undergraduate  
Course Division: Lower Division Major  
Discipline: Information Technology  
Course Type:  
Department: Information Technology

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
4017.1.1	Introduction to Information and Data	The graduate explains how data, databases, and data management are used in today's organizations.
4017.1.2	The Relational Model of Data	The graduate analyzes the relational model of data.
4017.1.3	The Fundamentals of SQL	The graduate implements SQL concepts and coding.
4017.1.4	Data Modeling	The graduate demonstrates an understanding of the concepts involved in the modeling of data.
4017.1.5	Normalization	The graduate demonstrates appropriate strategies to normalize data.
4017.1.6	Business Intelligence	The graduate interprets the concepts of analytical processing within the context of business intelligence.
4017.1.7	Storage Technology	The graduate demonstrates a fundamental understanding of storage technologies.