

# SYS 221: MBSE in Digital Environment

This course builds on prior coursework and/or experience in systems modeling and database design and management. It introduces the student to disparate data types and how to gather data from multiple sources and transform it for incorporation into systems engineering (SE) models. Relationships between different types of modeling systems with Systems Models are investigated. Emphasis may be placed on modeling programs, data structures, languages, and platforms commonly used in a specific industry.

**Credits:** 3

**Lab Hours:** 0

**Lecture Hours:** 3

**Prerequisites:**

SYS 101 and CIS 222, 225, 226, or other database course, OR instructor permission

**Co-Requisites:**

None

**Program:** [Systems Engineering Technology](#)

**Semester Offered:**

Spring