Assignment 5 University Model

Due 11:59PM ET on Oct 28

Assignment Topic

The main goal of this assignment is to recreate the teaching process for Fall 2022 semester for three programs of the Northeastern University College of Engineering:

1. Information Systems (INFO)

2. Data Architecture and Management (DAMG)

3. Software Engineering Systems (CSYE)

Part 1 – Populating the model

Populate the existing model and create the following objects:

- One college
- Three programs (same as Department).
- Three courses per program.
- One faculty for each course.
- Ten students in each program.

Implement any classes, methods if you need to.

Part 2 – Populating the model (cont.)

- Create a course schedule for Fall 2022 semester
- Create course offerings for each course for the semester
- Register students for the courses
- Assign teachers to their classes.

Implement any classes, methods if you need to.

Part 3 – Calculating Revenue

- Implement a method to calculate Department revenue (or use one if exists)

- Implement a method to calculate College revenue and print out comparative table to show revenue for each Department.

- **Implement any classes, methods if you need to.**