Southern Methodist University

Bobby B. Lyle School of Engineering

**Department of Computer Science**

CS 5343/7343

* CS 5343 students must do exactly 2 projects
* CS 7343 students must do all projects

1. **Project 2—The Sleeping Teaching Assistant (Chapter 7, P-38)**
2. **Project 3—The Dining-Philosophers Problem (Chapter 7, P-39)**
3. **Project 4—The Producer – Consumer Problem (Chapter 7, P-40)**

For each project, please submit

1. The source code of the project
2. Brief description of how to test your program
3. A sample Output

All of the above should be place on folder (called Project1 & Project2). These two folders should be placed in a folder bearing your name (e.g., Mike Smith). The folder “Mike Smith” should be zipped and uploaded to Canvas.