

CS4632 Spring 2020 Tentative Course Schedule

Module	Course Assignments/Submissions
Refer to D2L	
Module_1	Welcome - Login to http://D2L.kennesaw.edu/ and overview Course Start here. Module 1 - Introduction to Modeling and Simulation. Chapter 1. Review of Object-Oriented Modeling and Programming. Chaps 4-10. Using OOSimL.
Jan 6	Assignment_1 , due Jan 20. Refer to D2L Learning Modules. Mod_1 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz #1 on Jan 23
Module_2	Module 2 - Review of Object-Oriented Modeling and Programming. Chaps 11 - 18 Techniques for Discrete-Event Simulation: Object orientation. Chap 20. Single-server Simulation Models, case studies. Chap 21.
Jan 20	Assignment_2 , due Feb 3. Refer to D2L Learning Modules Mod_2 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz #2 on Feb 4.
Module_3	Module 3 - Simulation with Multiple-Server Models, case studies. Chap 22. Models with priorities. Chap 23
Feb 3	Assignment_3 , due Feb 17. Refer to D2L Learning Modules Refer to D2L Learning Modules. Quiz #3 Feb 17 Mod_3 - Take action (Reading, Assignments, Tests, etc.) on each item listed.
Module_4	Module 4 - Models with Standard Resources, case studies. Chap 24. Models with Detachable Resources, case studies. Chap 25. Generating C++ code. Review - Midterm exam.
Feb 17	Assignment_4 , due March 2. Refer to D2L Learning Modules. Mod_4 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Test #1 : Refer to D2L March 4.
Module_5	Module 5 - Advanced Process Interaction: synchronous cooperation, case studies. Chap 26. Conditional Waiting, case studies. Chap 27.
March 2	Project 1st Deliverable , due March 16. – Preliminary Project Description. Please Refer to D2L Learning Modules . Quiz #4 March 17. Mod_5 - Take action (Reading, Assignments, Tests, etc.) on each item listed)
Module_6	Module 6 –Models with Interrupts, case studies. Chap 28. Overview of Basic Applied Probability Theory. Chap 29 and Appendix A.
March 16	Assignment_5 , due April 6. Refer to D2L Learning Modules Mod_6 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz # 5 April 8.
Module_7	Module 7 - Simulation Output Analysis. Chap 30: Overview Optional Assignment (#6)

April 6	Project 2nd Deliverable, due April 20. Refer to D2L Learning Modules. Quiz #6 April 20. Mod_7 - Take action (Reading, Assignments, Tests, etc.) on each item listed)
Module_ 8 April 20	Module_8 - Emerging Topics. Review Project Final Deliverable, due May 2. Refer to D2L Learning Modules – Mod_8- Take action (Reading, Assignments, Tests, etc.) on each item listed) Test #2. May 2. Refer to D2L