

CS4632 Spring 2017 Tentative Course Schedule

Module	Course Assignments/Submissions
Refer to D2L	
Module_1 Jan 9-20	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. Assignment_1 , due Jan 23. Refer to D2L Learning Modules. Mod_1 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz #1 on Jan 23
Module_2 Jan 23 - Feb 3	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. Assignment_2 , due Feb 6. Refer to D2L Learning Modules Mod_2 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz #2 on Feb 6
Module_3 Feb 6 – Feb 17	Module 3 - Simulation with Multiple-Server Models, case studies. Chap 22. Models with priorities. Chap 23 Assignment_3 , due Feb 20. Refer to D2L Learning Modules Refer to D2L Learning Modules. Quiz #3 Feb 20 Mod_3 - Take action (Reading, Assignments, Tests, etc.) on each item listed.
Module_4 Feb 20 - March 3	Module 4 - Models with Standard Resources, case studies. Chap 24. Models with Detachable Resources, case studies. Chap 25. Generating C++ code. Review - Midterm exam. Assignment_4 , due March 6. Refer to D2L Learning Modules. Mod_4 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Test #1 : Refer to D2L March 6.
Module_5 March 6 - 17	Module 5 - Advanced Process Interaction: synchronous cooperation, case studies. Chap 26. Conditional Waiting, case studies. Chap 27. Project 1st Deliverable , due March 22. – Preliminary Project Description. Please Refer to D2L Learning Modules . Quiz #4 March 20. Mod_5 - Take action (Reading, Assignments, Tests, etc.) on each item listed)
Module_6 March 20 – 31	Module 6 –Models with Interrupts, case studies. Chap 28. Overview of Basic Applied Probability Theory. Chap 29 and Appendix A. Assignment_5 , due April 3. Refer to D2L Learning Modules Mod_6 - Take action (Reading, Assignments, Tests, etc.) on each item listed) Quiz # 5 April 10.

Module_7 April 10 - 21	Module 7 - Simulation Output Analysis. Chap 30: Overview Project 2nd Deliverable, due April 26. Refer to D2L Learning Modules. Quiz #6 April 24. Mod_7 - Take action (Reading, Assignments, Tests, etc.) on each item listed)
Module_8 April 24–May 1	Module_8 - Emerging Topics. Review Project Final Deliverable, due May 1. Refer to D2L Learning Modules – Mod_8- Take action (Reading, Assignments, Tests, etc.) on each item listed) Test #2. May 3. Refer to D2L