

## CS4632 Tentative Schedule

Module	Course Assignments/Submissions	Ref
<b>Module_1</b> Jan 9-20	Welcome - Login to <a href="http://D2L.kennesaw.edu/">http://D2L.kennesaw.edu/</a> and overview Course Start here. Introduction to Modeling and Simulation. Review of Object-Oriented Modeling and Programming. Using OOSimL.  Assignment_1, due Jan 23. Refer to D2L Learning Modules. Mod_1 - Take action (Reading, Assignments, Tests, etc.) on each item listed), <b>Quiz #1</b> on Jan 23	Chapter 1 Chaps 4-10
<b>Module_2</b> Jan 23 - Feb 3	Review of Object-Oriented Modeling and Programming. Techniques for Discrete-Event Simulation: Object orientation.  Assignment_2, due Feb 6. Refer to D2L Learning Modules Mod_2 - Take action (Reading, Assignments, Tests, etc.) on each item listed). <b>Quiz #2</b> on Feb 6	Chaps 11–18 Chap 20
<b>Module_3</b> Feb 6 – Feb 17	Single-server Simulation Models, case studies. Simulation with Multiple-Server Models, case studies.  Refer to D2L Learning Modules. <b>Quiz #3</b> Feb 20 Mod_3 - Take action (Reading, Assignments, Tests, etc.) on each item listed.	Chap 20 Chap 21
<b>Module_4</b> Feb 20 - Mar 3	Models with priorities. Models with Standard Resources, case studies. Review. Midterm exam.  Assignment_3, due March 6. Refer to D2L Learning Modules . Mod_4 - Take action (Reading, Assignments, Tests, etc.) on each item listed) <b>Test #1</b> : Refer to D2L March 6.	Chap 22 Chap 23
<b>Module_5</b> Mar 6 - 17	Models with Detachable Resources, case studies. Advanced Process Interaction: synchronous cooperation, case studies.  Project 1st Deliverable Due March 22. – Preliminary Project Description. Refer to D2L Learning Modules. <b>Quiz #4</b> March 20. Mod_5 - Take action (Reading, Assignments, Tests, etc.) on each item listed)	Chap 24 Chap 25
<b>Module_6</b> Mar 20 – 31	Conditional Waiting, case studies. Models with Interrupts, case studies. Assignment_4, due April 3. Refer to D2L Learning Modules Mod_6 - Take action (Reading, Assignments, Tests, etc.) on each item listed). <b>Quiz # 5</b> April 10.	Chap 26 Chap 27
<b>Module_7</b> April 10 - 21	Overview of Basic Applied Probability Theory. Simulation Output Analysis: Overview	Chap 28 Chap 29

	<p>Project 2nd Deliverable Due April 26. Refer to D2L Learning Modules.</p> <p><b>Quiz #6</b> April 24.</p> <p>Mod_7 - Take action (Reading, Assignments, Tests, etc.) on each item listed)</p>	
<p><b>Module_8</b></p> <p>April 24–May 1</p>	<p>Emerging Topics. Review</p> <p>Assignment_5, due May 1. Refer to D2L Learning Modules –</p> <p>Mod_8- Take action (Reading, Assignments, Tests, etc.) on each item listed). <b>Test #2.</b> May 3. Refer to D2L</p>	None