

# IET3620-850/900 Warehousing Systems

## Course Schedule Spring 2012 - Professor Gregory Wiles

(link to textbook: <http://www2.isye.gatech.edu/~jib/wh/book/editions/wh-sci-0.95.pdf>)

Module	Day	Type	Topic	Chapter Readings
1	Jan xx	Live Video	<b>Course Intro, Syllabus, Exam Schedule</b> Warehousing terms and rationale	(Sections) 1.1 - 1.2
2	Jan xx	Live Video	<b>MLK Holiday - No live class</b> Material flow	2.1 – 2.5
3	Jan xx	Live Video	<b>Class discussion &amp; lecture</b> Warehouse operations	3.1 – 3.7
4	Jan xx	Live Video	<b>Class discussion &amp; lecture</b> Warehouse management systems (WMS)	4.1 – 4.6
5	Feb xx	Live Video	<b>Class discussion &amp; lecture</b> Storage & handling equipment	5.1 – 5.4
			<b>Online Exam 1 (Chapters 1-5)</b>	
6	Feb xx	Live Video	<b>Class discussion &amp; lecture</b> Layout: unit-load area	6.1 – 6.4 (skip math)
7	Feb xx	Live Video	<b>Class discussion &amp; lecture</b> Layout: carton-pick from pallet area	7.1 – 7.4 (skip math)
8	Feb xx	Live Video	<b>Class discussion &amp; lecture</b> Layout: piece-pick from carton area	8.1 – 8.2, 8.7 – 8.9
<b>Spring Break – No classes</b>				
9	Mar xx	Live Video	<b>Class discussion &amp; lecture</b> Detailed slotting	9.1 – 9.3
10	Mar xx	Live Video	<b>Class discussion &amp; lecture</b> Order-Picking: Routing to reduce travel	10.1 – 10.4
			<b>Online Exam 2 (Chapters 6-10)</b>	
11	Mar xx	Live Video	<b>Class discussion &amp; lecture</b> Work flow and balance	11.1 – 11.4 (skip math)
12	Apr xx	Live Video	<b>Class discussion &amp; lecture</b> Automation: Carousels, A-Frames, AS/RS	12.1 – 12-4 (skip math)
13	Apr xx	Live Video	<b>Class discussion &amp; lecture</b> Crossdocking – high speed operations	13.1 – 13.6
14	Apr xx	Live Video	<b>Class discussion &amp; lecture</b> Performance Measures – Benchmarking	15.1 – 15.3
15	Apr xx	Live Video	<b>Class discussion &amp; lecture</b> Transportation Modes	Transportation (Supplement)
			<b>Online Exam 3 (Chapters 11, 12, 13, 15, Transp)</b>	