

## PROPOSED CLASS SCHEDULE – Spring 2007

Rev 1

Week	Dates	Subject	Reading	Labs
1	1/16	<ul style="list-style-type: none"> <li>Syllabus</li> <li>Desktop Audio Technology</li> </ul>	Ch 1, <i>Rumsey</i>	
	1/18	<ul style="list-style-type: none"> <li>Analog vs Digital Systems</li> <li>Binary Representations</li> </ul>	Ch 2.1-2.2, <i>Rumsey</i>	
2	1/23	<ul style="list-style-type: none"> <li>Computer Systems for DAWs</li> </ul>	Ch 1, <i>Menasché</i>	Lab Guidelines
	1/25	<ul style="list-style-type: none"> <li>DAWs – Hardware, Drivers</li> </ul>	Ch 2, <i>Menasché</i>	<b>Lab 1</b> - Intro to <i>Pro Tools</i>
3	1/30	<ul style="list-style-type: none"> <li>DAW Systems – Software</li> <li>DAW Operations and Tools</li> </ul>	Ch 7, <i>Rumsey</i> Ch 3, <i>Menasché</i>	
	2/1	<ul style="list-style-type: none"> <li>DAW signal flow</li> </ul>	Ch 3, <i>Rumsey</i>	<b>Lab 1</b> due
4	2/6	<ul style="list-style-type: none"> <li>Timelines, Grids, and Modes</li> </ul>	Ch 4,6 <i>Menasché</i>	<b>Lab 2</b> - Audio files
	2/8	<ul style="list-style-type: none"> <li><b>TEST 1</b></li> </ul>		<b>Lab 3</b> - Editing, Loops
5	2/13	<ul style="list-style-type: none"> <li>Data And Codes</li> </ul>	Web Site	<b>Lab 2</b> due
	2/15	<ul style="list-style-type: none"> <li>Storage Media</li> <li>Filing Systems</li> </ul>	Web Site Ch 5.1–5.4, <i>Rumsey</i>	
6	2/20	<ul style="list-style-type: none"> <li>Formatting, Fragmentation</li> </ul>	Ch 5.1–5.4, <i>Rumsey</i>	<b>Lab 3</b> due
	2/22	<ul style="list-style-type: none"> <li>Plug-Ins</li> </ul>	Ch 11, <i>Menache</i>	<b>Lab 4</b> - Corrective Editing
7	2/27	<ul style="list-style-type: none"> <li>Audio Formats and Interchange</li> </ul>	Ch6.1-6.2, <i>Rumsey</i>	
	3/1	<ul style="list-style-type: none"> <li>Interconnection and Transmission</li> <li>Clocking</li> </ul>		<b>Lab 4</b> due
8	3/6,8	<b>Spring Break</b>		
9	3/13	<ul style="list-style-type: none"> <li>Interconnection Formats</li> </ul>	Web Site	<b>Lab 5</b> - Clocking
	3/15	<ul style="list-style-type: none"> <li><b>TEST 2</b></li> </ul>		Music Editing <b>Lab 6</b> - Song Scope
10	3/20	<ul style="list-style-type: none"> <li>Physics of Audio Review</li> </ul>	Web Site	<b>Lab 5</b> due <b>Final Project</b> assigned
	3/22	<ul style="list-style-type: none"> <li>Digital Audio Principles – Sampling,</li> </ul>	Ch 2.3–2.4, <i>Rumsey</i>	
11	3/27	<ul style="list-style-type: none"> <li>Digital Audio Principles – Quantization, Dither</li> </ul>	Ch 2.5, <i>Rumsey</i> Web Site	<b>Lab 6</b> due
	3/29	<ul style="list-style-type: none"> <li></li> </ul>	Ch 5, <i>Menasché</i>	<b>Lab 7</b> - Recording
12	4/3	<ul style="list-style-type: none"> <li>Oversampling and noise shaping</li> </ul>	Ch 2.6-2.10, <i>Rumsey</i>	<i>Pro Tools</i> Mixer Arch.
	4/5	<ul style="list-style-type: none"> <li>Quality Issues</li> </ul>		
13	4/10	<ul style="list-style-type: none"> <li>PCM Conversion Process</li> <li>DSD</li> </ul>	Ch 7, <i>Menasché</i>	<b>Lab 7</b> due <b>Lab 8</b> – Loops Revisited
	4/12	<ul style="list-style-type: none"> <li><b>TEST 3</b></li> <li>Error Detection, Correction</li> </ul>		
14	4/17	<ul style="list-style-type: none"> <li>Intro to DSP</li> <li>Psychoacoustics, Perceptual Coding</li> </ul>	Ch 2.11-2.12, <i>Rumsey</i>	<b>Lab 8</b> due
	4/19	<ul style="list-style-type: none"> <li>Audio Data Reduction</li> </ul>		
15	4/24	<ul style="list-style-type: none"> <li>Release Media</li> </ul>	Web Site	<b>Final Project</b> due
	4/7	<b>study day (Thursday)</b>		
16	5/1	<ul style="list-style-type: none"> <li>Listen to Projects</li> <li><b>Final Exam @ 3:30PM</b></li> </ul>		