

**ASEN 5151 High-Speed Aerodynamics  
Spring 2006  
Tentative Schedule and Assignments**

Week	TUESDAY Discussion/Lecture 9:30-10:45 am	THURSDAY Discussion/Lecture 9:30-10:45 am	Assignments
1	17 Jan <ul style="list-style-type: none"> <li>• Syllabus discussion, intro</li> <li>• Reading Assignment: Bertin Sects. 8.1-8.3</li> </ul>	19 Jan <ul style="list-style-type: none"> <li>• Discussion: Unit Quiz 1, Thermodynamics</li> <li>• Reading Assignment: Bertin Sects. 8.4-8.6</li> </ul>	
2	24 Jan <ul style="list-style-type: none"> <li>• Discussion: Unit Quiz 1; review of important equations and relations (handout); adiabatic flow in variable area streamtube</li> <li>• Homework 1 assigned: Bertin, Probs. 8.3, 8.4</li> </ul>	26 Jan <ul style="list-style-type: none"> <li>• Discussion: Method of characteristics (MOC); supersonic nozzles</li> </ul>	Hwk 1 due 31 Jan
3	31 Feb <ul style="list-style-type: none"> <li>• Supersonic nozzles; MOC and nozzle design</li> <li>• Project 1 assigned.</li> </ul>	3 Feb <ul style="list-style-type: none"> <li>• Argrow Travel, No Class</li> </ul>	
4	7 Feb <ul style="list-style-type: none"> <li>• Discussion: Unit Quiz 2, Shock Waves</li> </ul>		
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