

# ME123 PRELIMINARY *schedule*

---

Visualization and CAD // Summer 2007 // *schedule*

**Lecture Text:** *Graphic Concepts with SolidWorks, 2<sup>nd</sup> edition*, Lueptow and Minbiolo

**Lab Text:** *Inside SolidWorks 4<sup>th</sup> Edition*, David Murray

Week	Lecture Readings	Lecture Topics	Lab Readings	Lab Topics
1	Chapters 1 and 4 (Also Chapter 1 from <i>Inside SolidWorks</i> )	Introduction Course Administration Parametric Solid Modeling	Chapters 1 and 2 Chapter 3 to page 65	Lab Requirements & Structure Computer Basics, Sketching
2	Chapter 1, 4, and 2	Parametric Solid Modeling Projections	Finish Chapter 3 Chapter 4 to page 120	<b>HW #1 due 6/28 by midnight</b> Constraining, Extrude, Drawing (Multiviews)
3	Chapter 3  <b>Lecture Exam 7/5</b>	Sketching –Pictorials	Finish Chapter 4 Chapter 5	<b>HW #2 due 7/5 by midnight</b> Planes, Sketch Tools, Revolve
4	Chapter 3	Sketching – Multiviews	Chapter 6 to page 183 Pages 192-202 Chapter 18	<b>HW #3 due 7/12 by midnight</b> Equations, Shelling, Fillets, Holes, Chamfers, Ribs
5	Chapter 3 and 5	Sketching Conventions	Chapter 8 to page 249 Pages 317-321 Pages 368-371 Page 571, Page 744 <b>Lab Exam 1 (7/19)</b>	<b>HW #4 due 7/19 by midnight</b> Reorder, Rollback, Suppression, Modify Sketch, Color Modification
6	Chapter 5  <b>Lecture Exam 7/26</b>	Dimensions	Chapter 7 to page 223 Pages 232-236 Chapter 10 to page 350	<b>HW #5 due 7/26 by midnight</b> Patterns, Mirroring, Sweeps
7	Chapter 6	Dimensions/Tolerances	Chapter 12 to page 428	<b>HW #6 due 8/2 by midnight</b> Design Drawing and Dimensions
8	Chapter 5 and 6	Tolerances/Sections	Chapter 12 p. 429-451 Chapter 13 to page 515	<b>HW #7 due 8/9 by midnight</b> Design Drawing and Dimensions Assemblies
9	Chapter 5  <b>Lecture Exam 8/16</b>	Sections/Auxiliary	Chapter 13 - finish  <b>Lab Exam 2 (8/16)</b>	<b>HW #8 due 8/16 by midnight</b> Assemblies