

Hemodynamic Simulator II (P09026)

2 Quarter Schedule / Milestones <i>(Tentative)</i>		
	Fall '08	Winter '08
Week 1	<ul style="list-style-type: none"> ● Become informed on the project basics ● Contact former group members ● Set tentative plans of action ● Reviewed Project with Day and Phillips ● Set design path from newly gained information 	<ul style="list-style-type: none"> ●Begin fabrication/testing/programing of subsystems
Week 2	<ul style="list-style-type: none"> ●Develop a firm understanding of the individual components design and purpose and also the system as a whole ● Assign sub groups for design ● Set up meeting with Dr. Schwarz ● Use gianed knowledge to refine goals and engineering specs ●Create list of key issues to be fixed in the system ●Define each members role in the group ●Outline project goals ● Assigned personal tasks for the team to complete the delieverables 	<ul style="list-style-type: none"> ●Continue fabrication/testing/programming of subsystems
Week 3	<ul style="list-style-type: none"> ●Research and reassessment of goals ● Must have atleast one meeting with Schwarz by the end of this week ● Begin meeting in sub groups and laying out the plot for progress for each subassembly ● Begin finalization of engineering spec within each group ● Report to eachother as a whole to plan for the next weeks progress ●Exteneding and updating of official timeline 	<ul style="list-style-type: none"> ●Finalize sub systems ●Final outline of projects due dates and goals
Week 4	<ul style="list-style-type: none"> ●Further Research ●Preliminary calculations(start design) ● Price and spec out components ● Review preliminary calculations and design specs with Schwarz and Phillips ● Review as one group info gathered from advisors and alter design route as needed. ● Continue with prototype design and calculations 	<ul style="list-style-type: none"> ●Begin complete system fabrication/testing/programing
Week 5	<ul style="list-style-type: none"> ●Have Rev 1 of new design with final calculations ●Begin defining BOM 	<ul style="list-style-type: none"> ●Continue complete system fabrication/testing/programming
Week 6	<ul style="list-style-type: none"> ●Solidify design of system ●Pricing components ●Preliminary order 	<ul style="list-style-type: none"> ●Final system fabrication ●Continue testing/programing
Week 7	<ul style="list-style-type: none"> ●Solid modeling and FEA/CFD analysis 	<ul style="list-style-type: none"> ●Test/Programing
Week 8	<ul style="list-style-type: none"> ●Print making 	<ul style="list-style-type: none"> ●Address any final mechanical issues ●Optimize programing
Week 9	<ul style="list-style-type: none"> ●Final material acquisition 	<ul style="list-style-type: none"> ●Optimize controls
Week 10	<ul style="list-style-type: none"> ●Begin fabrication of components 	<ul style="list-style-type: none"> ●Tear down and rebuild
Week 11	<ul style="list-style-type: none"> ●Continue fabrication of components ●Start programing 	<ul style="list-style-type: none"> ●Final testing and re-config