

**EE/CpE 423-424
WEEKLY STATUS REPORT**

Group #	007	Week ending: (Saturday)	10/29/05	Report #	
Project Title:	MicroSpy Biochip				
Group Leader:	Ishtiaq Saaem	Advisor:	Hong Man		
Sponsor/Client:	Microstructure Research Group / CAG				
Total number of person-hours spent on project by group during past week:				37.5	
Is project on schedule?		Yes	[x]	No	[]

Weekly status:
<ul style="list-style-type: none"> - Determined following for options to be explored for design: <ul style="list-style-type: none"> o Photo lithography instead of electron beam lithography to enhance output o Device containment chamber for contamination control o Usage process needs refinement o Need to explore possibilities of using a handheld scanner from Sandia National Lab - Harvested bacteria blood culture - Performed optical microscopy to ensure proper chemical modification of substrate - Performed electron beam lithography to pattern test chips - 5 chips previously fabricated were completed. 1 of the chips was rejected due to surface contamination.

Weekly report is due to Senior Design Coordinator and TA by Noon Monday. Email submission is greatly preferred - submit using WebCT, email to sd@koala.ece.stevens-tech.edu or individual emails. Copy should be sent to advisor

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