

## DESIGN AND ANALYSIS OF EXPERIMENTS

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 10:00	Introduction to Experimental Design	ANOVA II			
BREAK					
10:30 - 12:00	ANOVA I  Hypothesis Testing	Interaction Effects ----- Latin and Gr. -Latin Squares	Confounding Designs	Taguchi Designs	Regression Analysis II
12:00 - 1:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
1:00 - 3:00	ANOVA I (cont.)  Assumptions  Software	$2^k$ Designs	$2^{k-p}$ Fractional Factorial Designs	Orthogonality and Orthogonal Contrasts	Regression Analysis III ----- Response Surface Methods I (RSM)
3:00 - 3:30	BREAK	BREAK	BREAK	BREAK	BREAK
3:30 - 5:00	Multiple Comparison Testing	$2^k$ Designs (cont.)	Fractional Factorial Designs (cont.)	Intro. to $3^k$ Designs ----- Regression I	Response Surface Methods II  ----- Literature Review

REFRESHMENTS ARE SERVED FROM 10:00 - 10:30 AND FROM 3:00 - 3:30  
LECTURES ARE BY PROFESSOR PAUL D. BERGER