





## GRADING

A written report about statistical analysis of a specific microarray dataset, and a PowerPoint (or equivalent software) presentation, are required.

## COURSE SCHEDULE

Lecture 1 (1 hour)	Microarray technologies
Lab #1 (2 hours)	Microarray Data acquisition
Lecture 2 (1 hour)	Preprocessing microarray data
Lab #2 (2 hours)	
Lecture 3 (1 hour)	Identifying differentially expressed genes
Lab #3 (2 hours)	
Lecture 4 (1 hour)	Annotation
Lab #4 (2 hours)	Multivariate techniques
Lab #5 (3 hours)	Putting all together / assigned real microarray data sets

*The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments in this course please contact the Student Disability Services Office.*