Week	Lecture	Day	Date	Subject
1	1	Tue	6/26	Introduction to Microbiology and Phylogeny
	2			Prokaryotic Cell Biology I: Structures and Functions I
	3			Prokaryotic Cell Biology II: Structures and Functions II
	4	Thu	6/28	Microbial Physiology I: Nutrients & Growth I
	5			Microbial Physiology II: Nutrients & Growth II
	6			Microbial Physiology III: Metabolism I
2	7	Tue	7/3	Microbial Physiology IV: Metabolism II
	8			Microbial Physiology V: Biofilms
	9			Microbial Physiology VI: Microbial Ecology
	10	Thu	7/5	Molecular Biology I: DNA Replication
	11			Molecular Biology II: Transcription
	12			Molecular Biology III: Translation and Protein Secretion
3	-	Tue	7/10	**Midterm – 1:00 pm to 2:30 pm (Covers Lectures 1 to 9)**
	13			Molecular Genetics I: Horizontal Gene Transfer
	14			Molecular Genetics II: DNA Mutations
	15	Thu	7/12	Molecular Biology IV: Operons and Regulons
	16			Molecular Biology V: Regulation of Gene Expression
	17			Molecular Biology VI: Antibiotics and Antibiotic Resistance
4	18	Tue	7/17	Molecular Biology VII: Viruses
	19			Human Microbe Interactions I : Pathogenesis
	20			Human Microbe Interactions II : *Vibrio cholerae*
	21	Thu	7/19	Human Microbe Interactions III : *Pseudomonas aeruginosa*
	22			Human Microbe Interactions IV : *Legionella pneumophila*
	23			Human Microbe Interactions V : Salmonella
5	24	Tue	7/24	Human Microbe Interactions: Human Microbiota
	-	Thu	7/26	**Final Exam (Covers ALL Lecture Materials)** **Time: 1:00 pm to 4:00 pm**