

CHEM 455 BIOCHEMISTRY LABORATORY  
Spring Semester, 2014; FRI 9:00 AM; SES 238  
Prof. Jung-Hyun Min (2210A SEL)  
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Course website: [www2.chem.uic.edu/min/chem455](http://www2.chem.uic.edu/min/chem455)

## Lecture Schedule (2014)

Week	Date	Topic
1	1/17	Course overview, DNA isolation and digestion
2	1/24	Molecular biology techniques: electrophoresis and PCR
3	1/31	Protein purification I: general
4	2/7	Protein purification II: gel filtration and ion exchange chromatography
5	2/14	Protein purification III: electrophoresis and enzyme assays
6	2/21	Protein structure: $\beta$ -lactamase
7	2/28	Protein structure-function studies
8	3/7	Protein expression
9	3/14	Midterm Exam
10	3/21	No Class
11	3/28	Spring Break
12-15		TBD
16		Final Exam (Date/Time TBA, 5/5-5/9)