Week 1

**Pre-Lab Barcoding I assigned as homework prior to this lab**

Bug ID – Collection if time allows

Leg removal and addition of buffer ATL and Proteinase K

*Legs incubate overnight and then placed in freezer for next week*

Practice with Pipettes

Week 2

**Pre-Lab Barcoding II & III assigned as homework prior to this lab**

DNA Extraction

Set up PCR

*PCR runs and is placed in freezer for next week*

Week 3

**Pre-Lab Barcoding II & III from las week applies to this week as well**

Run PCR products on gel

PCR clean up kit

*Samples are sent to sequencing by technician or instructor*

Week 4

Sequencing analysis

**Post-lab DNA Barcoding assigned as homework**