



**SCOTTSDALE
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

Spring 2024 – 2nd 8 weeks

Bio 205 – Microbiology Lab Schedule

Week	Date	In-person lab exercises	Online lab exercises
Week 1	March 18 & 20	Introduction to lab, microscope, handwashing	Introduction to Brightfield Microscope
Week 2	March 25 & 27	Aseptic transfers, Gram stain, acid-fast stain	Eukaryotes of Microbiology
Week 3	April 1 & 3	Exam 1 over Chapters 1, 3, 4, 5 in NS 315 at your lab day and time.	COVID-19
Week 4	April 8 & 10	Bacterial transformation	DNA replication, transcription, translation, and mutations.
Week 5	April 15 & 17	Exam 2 over Chapters 6, 9, 11,12 in NS 315 at your lab day and time.	Library Research Module
Week 6	April 22 & 24	PCR	Epi Curves
Week 7	April 29 & May 1	Gel electrophoresis Antiseptics, disinfectants, antibiotics	The Immune System, Parts 1 & 2
Week 8	May 6 & 8	Look at gels & plates & clean up. Exam 3 over Chapters 13,15,16, 17, 18 in NS 315 at your lab day and time.	Course evaluation