

Date	Lecture Topic	Lecture Reading	Lab Topic	Lab Homework
<b>WEEK 1</b>				
M Jan. 23	Lecture 1: SEM tour; Components of SEM	pg 1-3; 21-37	Lab 1: Petrographic Microscope analysis	Lab 1
W Jan. 25	Lecture 2: Components of the SEM	pg 1-3; 21-37		
<b>WEEK 2</b>				
M Jan. 30	Lecture 3: Lab technique and habits		Lab 2: Photomicroscopy: macrophotos	Lab 2
W Feb. 1	Lecture 4: SEM detectors: SEI and BSE	pg 7-11		
<b>WEEK 3</b>				
M Feb. 6	Lecture 5: Sample Preparation	pg 149-161	Lab 3: Photomicroscopy: microphotos	Lab 3
W Feb. 8	Lecture 6: Operating the SEM part 1	pg 42-66		
<b>WEEK 4</b>				
M. Feb. 13	Group 1 lab demo: Lab 4		Group 1: Lab 4 navigating on the SEM	Lab 4
W Feb. 15	Lecture 7: Operating the SEM part 2	pg 42-66		
<b>WEEK 5</b>				
M Feb. 20	Group 2 lab demo: Lab 4		Group 2: Lab 4 navigating on the SEM	Lab 4
W Feb. 22	TBA			
<b>WEEK 6</b>				
M Feb. 27	Group 1 lab demo: Lab 5		Group 1: Lab 5 SEI Imaging	Lab 5
W Feb. 29	TBA			
<b>WEEK 7</b>				
M Mar. 5	Group 2 lab demo: Lab 5		Group 2: Lab 5 SEI Imaging	Lab 5
W Mar. 7	TBA			
<b>WEEK 8</b>				
M Mar. 12	Group 1 lab demo: Lab 6		Group 1: Lab 6 BSE Imaging	Lab 6
W Mar. 14	Image Processing			
<b>WEEK 9</b>				
M Mar. 19	Group 2 lab demo: Lab 6		Group 2: Lab 6 BSE Imaging	Lab 6
W Mar. 21	Image Processing			
<b>WEEK 10</b>				
M Mar. 26	Group 1 lab demo: Lab 7		Group 1: Lab 7 ImageJ processing	Lab 7
W Mar. 28	EDS Analyses			
<b>WEEK 11</b>				
<b>Spring Break</b>		<b>NO CLASS - SPRING BREAK</b>		
<b>WEEK 12</b>				
M Apr. 9	Group 2 lab demo: Lab 7		Group 2: Lab 7 ImageJ processing	Lab 7
W Apr. 11	EDS Analyses			
<b>WEEK 13</b>				
M Apr. 16	Group 1 lab demo: Lab 8		Group 1: Lab 8 EDS Analyses	Lab 8
W Apr. 18	NO LECTURE CLASS			
<b>WEEK 14</b>				
M Apr. 23	Group 2 lab demo: Lab 8		Group 2: Lab 8 EDS Analyses	Lab 8
W Apr. 25	TBA			
<b>WEEK 15</b>				
M Apr. 30	Group 1 lab demo		Group 1 Final Lab Practicum	
W May 2	Group 2 lab demo			
<b>WEEK 16</b>				
M May 7	Group 1 work time		Group 2 Final Lab Practicum	
W May 9	Group 2 work time			