

Course Title	Biology Lab. 1		
Semester	1-1	Course Type	Basic
Course Number	12427-00	No. of Credit	1/0/2
Professor	Jin-mi Kim	E-mail	jmkim@cnu.ac.kr
Objective	<p>Introduce experimental and biological techniques to understand the basic concepts and principles of biology that they have learned theoretically through lectures. Include the basics of experiment, method of experiment, usage of experimental equipment and basic attitude of experiment necessary for biological research.</p>		
Syllabus	<ol style="list-style-type: none"> 1. Black Box Experiment through Scientific Thought 2. Function, Manufacturing and Analysis of Buffer Solution 3. Characteristics and Function Analysis of the Biological Large Molecules 4. Separation of photosynthesis pigments 5. Chromosomes and observations 6. gene expression and metaphysical transformation 7. Genetic analysis using DNA technology 8. Microbial Life 9. observations of animal and plant cells 10. Microbial Life 11. observations of animal and plant cells 		