GENERAL BIOLOGY COURSE OUTLINE AND

LEARNING CONTRACT

Course : General Biology

Credit : 2/1 sks

Lecturer : Dr. Slamet Suyanto, M. Ed.

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| **MEETING #** | **TOPIC** | **ASSIGNMENT/TASK** | **DOER** |
| I | Course outline  Learning Contract  Grouping | Grouping  Assignment Distribution | Lecturer |
| II | Biology as a science | Draw a structure of Biology as a science | Group I |
| III | The objects and themes of biology | Observe living things and their characteristics | Group II |
| IV | Scientific Methods | Design an observation and an experiment | Group III  Group IV |
| V-VII | Science Process Skills   * Observing, Compare and contrast, Classifying, measuring, searching information, Making hypotheses, design an experiment, Controling variables, organizing data, analysing data, drawing conclusions | Do a scientific process skill and present the results & lab safety | Group V  Group VI |
| VIII | Midterm Exam (ME) |  |  |
| IX-XI | Biologists, attitudes, and their contribution | Make a one-page paper of a biologist and his/her contribution | Group VII |
| XII-XIII | Brances of Biology and the object of study | Make a list of brances of biology and the object of study | Group VIII |
| XIII | Career in Biology | Identify career in biology | Lecturer |
| XIV-XV | The advancement of Biology | Make a paper of a new discovery in biology | All group |
| XVI | Final Exam (FE) |  |  |

**Grading:**

40% Task & presentation;

25% ME,

25% FE,

10% Involvement