## FIGURE LIST

Figure 2.1. Illustration of the cognitive theory of multimedia learning ..... 12
Figure 2.1. Outline of learning process according to the theory of Constructivism ..... 12
Figure 2.3. Visual literacy continuum ..... 17
Figure 2.4. Learning styles scoring illustration ..... 25
Figure 3.1. Research procedure ..... 37
Figure 3.2. Research model ..... 45
Figure 4.1. Student's handbook content ..... 51
Figure 4.2. Student's handbook explanation of plasma membrane Transport ..... 51
Figure 4.3. Student's study skills result ..... 53
Figure 4.4. Study skills components means scores of male and female Students ..... 53
Figure 4.5. Reading skill frequency by category ..... 54
Figure 4.6. Note taking skill frequency by category ..... 55
Figure 4.7. Memory skill frequency by category ..... 56
Figure 4.8. Test preparation skill frequency by category ..... 57
Figure 4.9. Concentration skill frequency by category ..... 58
Figure 4.10. Time management skill frequency by category ..... 59
Figure 4.11. Student's learning styles frequency percentage ..... 60
Figure 4.12. Student's learning styles distribution according to it's modality type ..... 60
Figure 4.13. Learning styles of male and female students ..... 61
Figure 4.14. Visual literacy frequency distribution ..... 62

