

## PREFACE

Praise the authors pray to God Almighty for all His grace and gifts so that this research can be completed properly in accordance with the planned time. This thesis entitled "The Effect of Inquiry Training Model Assisted by Learning Video to Learning Outcomes on Measurement Topic Semester I Grade X in SMA Negeri 12 Medan A.Y 2019/2020" was submitted to qualify for obtaining a Sarjana Pendidikan, Faculty of Mathematics and Natural Science, Medan State University (UNIMED).

On this occasion the author would like to thank sir Prof. Dr. Makmur Sirait, M.Si as the thesis supervisor who has provided many guidance and suggestions to the author from the beginning until the completion of the preparation of this thesis. Acknowledgments also the author goes to sir Drs. Togi Tampubolon, M.Si., Ph.D; sir Dr. Nurdin Siregar, M.Si; and sir Purwanto, S.Si., M.Pd, as examiners 1, 2, and 3 who have provided input and suggestions from research planning until the completion of the preparation of this thesis. To sir Prof. Drs. Motlan, M.Sc, Ph.D as an academic supervisor guidance and motivation from the acceptance of the writer in the Department of Physics. Acknowledgments also the auther goes to all the sir and mom lectures and staff of the department of physics staff who have helped a lot during the completion of studies at UNIMED.

The author also thanks sir Drs. Jasmen Tampubolon, M.Si as principal of SMA Negeri 12 Medan and to mom Fitriani Nasution, S.Pd as a teacher in the field of physics studies who have helped and guided the writer during research. Thank you also the authors say to the teachers and administrative staff of SMA Negeri 12 Medan who helped the writer during the research.

Especially the writer thanks to beloved father Wisker Sihaloho and beloved mother Risma Simanihuruk who has guided and educated the writers with affection, always prayed, gave reinforcement and material during lectures and preparation of this thesis. This thesis is dedicated to the parents as the deepest gratitude. Thank you also, the author goes to my brother and sister who always

support the writer in the preparation of this thesis. The author also thanks to Bilingual Physics 2014 friends in arms.

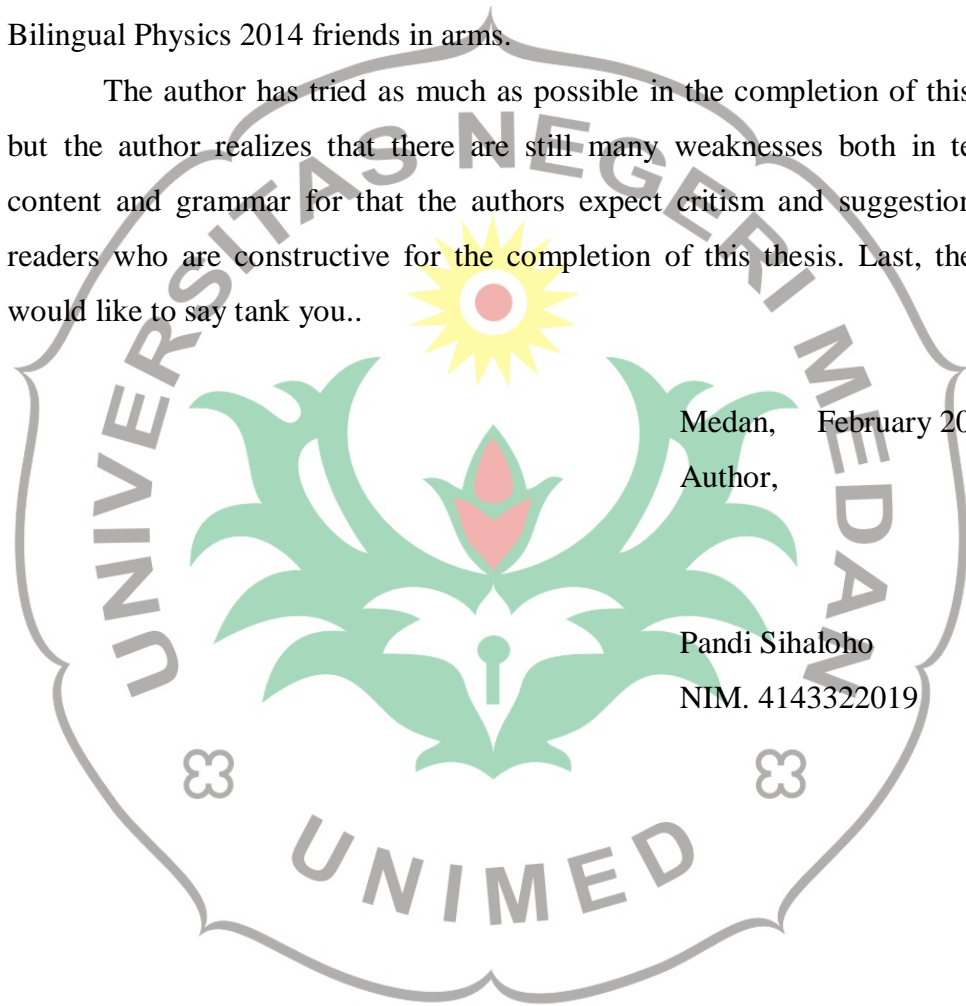
The author has tried as much as possible in the completion of this thesis, but the author realizes that there are still many weaknesses both in terms of content and grammar for that the authors expect criticism and suggestions from readers who are constructive for the completion of this thesis. Last, the writer would like to say tank you..

Medan, February 2020

Author,

Pandi Sihaloho

NIM. 4143322019



THE  
*Character Building*  
UNIVERSITY