

**INCREASING MOTIVATION AND LEARNING ACTIVITIES IN  
ACCOUNTING THROUGH ACTIVE LEARNING MODEL USING DOMINO  
CARD LEARNING MEDIA IN CLASS X AK 3 SMKN 1 BANTUL  
ACADEMIC YEAR 2014**

**Undergraduate Thesis**

This undergraduate thesis is submitted in partial fulfilment of the requirements to  
obtain the degree of Bachelor of Education in Faculty of Economics

Yogyakarta State University



Dwi Martutiningrum

10418244020

**ACCOUNTING EDUCATION DEPARTMENT  
FACULTY OF ECONOMICS  
YOGYAKARTA STATE UNIVERSITY  
2015**

**INCREASING MOTIVATION AND LEARNING ACTIVITIES IN  
ACCOUNTING THROUGH ACTIVE LEARNING MODEL USING  
DOMINO CARD LEARNING MEDIA IN CLASS X AK 3 SMKN 1  
BANTUL ACADEMIC YEAR 2014**

UNDERGRADUATE THESIS

By:

Dwi Martutiningrum

10418244020

This undergraduate thesis had been approved and validated on January, 29<sup>th</sup> 2015

To be examined by the Team of Undergraduate Thesis Examination

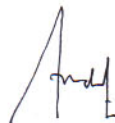
Accounting Education Study Program

Accounting Education Department Faculty of Economics

Yogyakarta State University

Approved by:

Supervisor,



Andian Ari Istiningrum, M. Com.

NIP. 19800902 200501 2 001

## VALIDATION

The undergraduate thesis entitled:

**“INCREASING MOTIVATION AND LEARNING ACTIVITIES IN ACCOUNTING THROUGH ACTIVE LEARNING MODEL USING DOMINO CARD LEARNING MEDIA IN CLASS X AK 3 SMKN 1 BANTUL ACADEMIC YEAR 2014”**


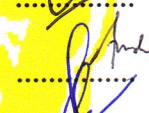

By:

Dwi Martutiningrum

NIM. 10418244020

Had been defended in front of the Examiner Team on February, 11<sup>st</sup> 2015 and had been successfully passed.

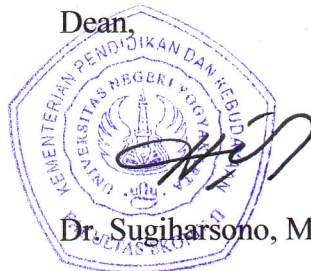
### THE EXAMINER TEAM

Name	Position	Signature	Date
Mahendra Adi Nugroho, M. Sc.	Chairman of Examiner & Examiner		February, 17 <sup>th</sup> 2015
Andian Ari Istiningrum, S.E., M. Com.	Co-Examiner & Secretary		February, 20 <sup>th</sup> 2015
Prof. Sukirno, Ph. D.	Main Examiner		February, 17 <sup>th</sup> 2015

Yogyakarta, February, 20<sup>rd</sup> 2015

Faculty of Economics, Yogyakarta State University

Dean,



Dr. Sugiharsono, M. Si.

NIP. 19550328 198303 1 002

## DECLARATION OF AUTHENTICITY

I, the undersigned,

Name : Dwi Martutiningrum

Studdent ID : 10418244020

Study Program : International Accounting Education

Faculty : Economics

Undergraduate thesis title : **INCREASING MOTIVATION AND  
LEARNING ACTIVITIES IN ACCOUNTING  
THROUGH ACTIVE LEARNING MODEL  
USING DOMINO CARD LEARNING MEDIA  
IN CLASS X AK 3 SMKN 1 BANTUL  
ACADEMIC YEAR 2014**

Hereby declare that this undergraduate thesis is my own and original work.

Accordingly to my knowledge, there is no work or opinions written or published by other, except as reference or citation by following the prevalent procedure of scientific writing.

Yogyakarta, December 21<sup>st</sup> 2014

The author,



Dwi Martutiningrum  
NIM. 10418244020

## MOTTO

So whoever does an atom's weight of good will see it [99:7]  
And whoever does an atom's weight of evil will see it [99:8]

-Holly Qur'an: Az-Zalzalah 7:8-

I am lucky when I can life 'luxuriously', in modesty.

-The Author-

Optimism means optimism, kindness means kindness, keep going means keep going. Giving no excuse for positivism is the source of real happiness.

-The Author-

Life decisions do need consistency. The chances I'm taking and every move I make might shake my faith sometimes. Because there will always going to be another mountain, I'm always gonna wanna to make it move. Always going to be an uphill battle and sometimes I'm gonna have to lose but no, I'm not breaking. I may not know it but these are the moments that I'm gonna remember the most. I just gotta keep going. I have to keep trying and keep my head held high. **At the end it is still about how fast I get there** and about who's waiting on the other side. It is the climb and I love the climb that's why I also love my lectures, my facilitators, my coaches, my partners, my best friends and surely anyone I meet in this live. They are my truly my assets.

-The Climb, Jessi Alexander and Jon Mabe with necessary revisions by the  
Author-

## DEDICATION

With all respect I give my sincere gratitude to **Allah SWT** for the unlimited and unconditional grace for me. I dedicate this thesis to beloved angels in my life:

### ♥ My Mom and My Dad

Best parents, who always support me in ups and downs, appreciate my life choices and who keenly whisper my name into best prayers of what we expect the best for the family.

♥ My elder brother, Daru Jati Kriswono who always support me in finishing this undergraduate process and for the endless love you always offer anytime I need. My little brother, Baskoro Nurrohman. Hope you can always grow exceed your brother and sister.

♥ My Amerta Edu-Travel Community that consistently live our idealism and youth spirit in the contribution in educational world. Especially for the founder, Gurnito, Jarot, Fitri, and Agus thank you for always able to execute luxury plans into actions and being the source of spirit.

♥ My XL Future Leaders family who answers my long wait of the environment in which we can compete fairly, grow together in harmony where we can be our-real-selves without any stereotype. Thank you for always able to give above average satisfying feedback in every circumstance we fight for.

♥ My HIMA DIKSI and University Research Unit (UKM Penelitian) family who able to give me place to grow from nothing to something. Thank you for teaching me in patience and love.

♥ My International Accounting Education classmates and all Accounting Education friends who always available whenever I need the warmth friendship.

♥ My Almamater, UNY that teaches me valuable lessons I will never get in any other places.



**INCREASING MOTIVATION AND LEARNING ACTIVITIES IN  
ACCOUNTING THROUGH ACTIVE LEARNING MODEL USING  
DOMINO CARD LEARNING MEDIA IN CLASS X AK 3 SMKN 1  
BANTUL ACADEMIC YEAR 2014**

Oleh:  
Dwi Martutiningrum  
10418244020

**ABSTRAK**

*Implementasi Model Pembelajaran Active Learning dengan Media Kartu Domino dilaksanakan atas dasar permasalahan yang ada pada Motivasi dan Aktivitas Belajar Akuntansi yang belum maksimal dan perlu ditingkatkan pada kelas X AK3 SMKN 1 Bantul tahun akademik 2014.*

*Penelitian ini merupakan penelitian tindakan kelas yang dilaksanakan dalam dua siklus dengan subjek penelitian siswa kelas X AK 3 SMKN 1 Bantul tahun akademik 2014 yang terdiri dari 33 siswa. Setiap satu siklus tindakan terdiri dari empat tahap yaitu perencanaan, tindakan, pengamatan dan refleksi. Instrumen penelitian yang digunakan adalah lembar observasi, angket dan catatan lapangan. Teknik analisis data yang digunakan adalah analisis data deskriptif kuantitatif dengan presentase dan deskriptif kualitatif.*

*Hasil penelitian tindakan kelas ini menunjukkan peningkatan pada presentase skor motivasi dan aktivitas belajar akuntansi. Presentase peningkatan motivasi belajar akuntansi yang dicapai sebesar 8,55% dari pencapaian sebesar 78,83% pada siklus I dan meningkat sebesar 87,38% pada siklus II. Presentase peningkatan aktivitas belajar akuntansi yang dicapai sebesar 7,53% dari 79,86% pada siklus I dan meningkat menjadi 87,38% pada siklus II. Berdasarkan presentase secara individu pada motivasi belajar siswa, peningkatan yang dicapai sebesar 8,86% dari pencapaian 78,46% pada siklus I dan meningkat menjadi 87,32% pada siklus II. Peningkatan presentase secara individu pada aktivitas belajar siswa dicapai sebesar 7,41% dengan pencapaian 80,17% pada siklus I meningkat menjadi 87,58% pada siklus II. Data ini menunjukkan bahwa implementasi model pembelajaran Active Learning berbantu media Kartu Domino dapat meningkatkan motivasi dan aktivitas belajar siswa kelas X AK 3 SMKN 1 Bantul tahun pelajaran 2014.*

*Kata kunci: Active Learning berbantu media Kartu Domino, Motivasi Belajar Akuntansi, Aktivitas Belajar Akuntansi.*

**INCREASING MOTIVATION AND LEARNING ACTIVITIES IN  
ACCOUNTING THROUGH ACTIVE LEARNING MODEL USING  
DOMINO CARD LEARNING MEDIA IN CLASS X AK 3 SMKN 1  
BANTUL ACADEMIC YEAR 2014**

By:

Dwi Martutiningrum

10418244020

**ABSTRACT**

The implementation of Active Learning Model using Domino Card Learning Media is conducted based on the problem occur in Students' Learning Motivation and Students' Learning Activity that needed to be improved in X AK 3 SMKN 1 Bantul academic year 2014.

This research is an action research which was conducted in two cycles at X AK 3 SMKN 1 Bantul that consists of 33 students as the subject of the research. Each cycle consists of four steps: planning, main action, observing and reflection. The research instruments used were observation, questionnaire and field notes. The data analysis techniques were descriptive quantitative analysis with percentage and descriptive qualitative data analysis.

The result indicates improvements in Students' Learning Motivation and Students' Learning Activity. The improvement percentage in Students' Learning Motivation reaches at 8,55% from the achieved percentage of 78,83% from cycle I to 87,38% in cycle II. Students' Learning Activity improvement reaches at 7,53% derived from 79,86% in cycle I to 87,38% in cycle II. The individual Students' Learning Motivation improvement is 8,86% from 78,46% on cycle I to 87,32% in cycle II. The individual Students' Learning Activity improvement is at the amount of 7,41% from 80,17% in cycle I to 87,58% in cycle II. Those improvements depicts that the implementation of Active Learning Model Using Domino Card Learning Media can improve Students' Learning Motivation and Students' Learning Activity in X AK 3 SMKN 1 Bantul academic year of 2014.

**Keywords:** Active Learning using Domino Card Learning Media, Accounting Learning Motivation, Accounting Learning Activity.



## FOREWORD

I would like to thank Allah SWT that has given me guidance and grace so that this undergraduate thesis entitled **“Increasing Motivation and Learning Activities in Accounting through Active Learning Model Using Domino Card Learning Media in Class X AK 3 SMKN 1 Bantul Academic Year 2014”** finally finished. Without the support from many people regarding to this thesis process, I do realize it would not have been possible to be finished. Accordingly, I want to express my deepest gratitude to the following:

1. Prof. Dr. Rochmat Wahab, M. Pd., M.A., Rector of Yogyakarta State University.
2. Dr. Sugiharsono, M. Si., Dean of Faculty of Economics Yogyakarta State University.
3. Prof. Sukirno, M. Si., Ph.D., Head of Accounting Education Department and also my second supervisor who had been pleased to give me input, advice, motivation and positive feedback so that this thesis could be competed.
4. Andian Ari Istiningrum, S.E., M. Com., who had been kindly supervised and encourage me during conducting the whole thesis process.
5. Ani Widayati, M.Pd., as my previous supervisor before continuing the doctoral degree in Australia. Hopefully always given God grace and bless to finish the degree soon and we might meet in the nearest chance here or there to strengthen our fraternity.
6. Diana Rahmawati, M.Si., the best academic supervisor I've ever had. Thank you for the assistance, patience, guidance and advice during the undergraduate study process.
7. Ir. Retno Yuniar Dwi Aryani, the Headmaster of SMKN 1 Bantul who had given the researcher permission for doing the research.
8. Margiyati, S. Pd, the Accounting teacher at class X AK 3 SMKN 1 Bantul who cooperatively collaborated with the researcher in doing the research.
9. Students of X AK 3 Academic year of 2014 SMKN 1 Bantul who were helpful and cooperatively involved in the research process.

10. My mom, dad and my elder brother who always support me in conducting this research.
11. My observers and all Accounting Education friends who gave support whenever I need help.

May Allah gives the best for all people mentioned above. Finally, I hope that this work will be useful for the readers.

Yogyakarta, January 22<sup>nd</sup> 2015



Dwi Martutiningrum

10418244020

## TABLE OF CONTENT

COVER PAGE .....	i
SUPERVISOR VALIDATION PAGE .....	ii
VALIDATION PAGE .....	iii
DECLARATION OF AUTHENTICITY .....	iv
MOTTO .....	v
DEDICATION .....	vi
<i>ABSTRAK</i> .....	vii
ABSTRACT .....	viii
FOREWORD .....	ix
TABLE OF CONTENT .....	xi
LIST OF TABLE .....	xiii
LIST OF FIGURE .....	xvi
LIST OF APPENDICES .....	xviii
<b>CHAPTER I INTRODUCTION</b> .....	1
A. Research Background .....	1
B. Problem Identification .....	8
C. Problem Restriction .....	9
D. Problem Formulation .....	9
E. Research Objectives .....	10
F. Research Benefit .....	10
 <b>CHAPTER II LITERATURE REVIEW AND HYPOTHESIS</b>	
<b>FORMULATION</b> .....	13
A. Theoretical Description .....	13
1. Motivation .....	13
2. Learning Activity .....	26
3. Accounting .....	30
4. Active Learning Model .....	32
5. Domino Card LearningMedia .....	42
B. Relevant Research .....	46
C. Conceptual Framework .....	49
D. Research Hypothesis .....	52
<b>CHAPTER III RESEARCH METHOD</b> .....	54
A. Research Design .....	54
B. Research Subjects and Objects .....	56
C. Research Place and Time .....	56
D. Operational Definition of Variables .....	56
E. Data Collection Techniques .....	57
F. Research Instruments .....	59
G. Instrument Testing .....	63
H. Research Procedures .....	68
I. Data Analysis Techniques .....	71
J. Indicator of Action Successfulness .....	73

<b>CHAPTER IV RESEARCH RESULTS AND DISCUSSION .....</b>	<b>76</b>
A. SMKN 1 Bantul Overview .....	76
B. The Description of Research Data .....	81
1. Cycle I .....	81
2. Cycle II .....	106
C. The Discussion of the Research Result .....	124
1. The Discussion of Students' Learning Motivation .....	124
2. The Discussion of Students; Learning Activity .....	141
D. Research Weaknesses .....	159
<b>CHAPTER V CONCLUSION AND RECOMMENDATIONS .....</b>	<b>161</b>
A. Conclusion .....	161
B. Recommendations .....	162
<b>REFERENCES .....</b>	<b>167</b>
<b>APPENDICES .....</b>	<b>171</b>

## LIST OF TABLE

Table 1. Students' Motivation Observation Guidelines .....	59
Table 2. Students' Activity Observation Guidelines .....	60
Table 3. Alternative Criteria in Scoring the Observation Checklist .....	60
Table 4. Students' Motivation Questionnaire Guidelines .....	61
Table 5. Students' Activity Questionnaire Guidelines .....	62
Table 6. Alternative Questionnaire Answers .....	62
Table 7. Validity Test Result on Students' Learning Motivation Questionnaire Instrument .....	66
Table 8. Validity Test Result on Students' Learning Activity Questionnaire Instrument .....	67
Table 9. SMKN 1 Bantul Infrastructure Facilities .....	81
Table 10. Students' Learning Motivation Score Based on Motivation Observation Indicators on Cycle I .....	92
Table 11. Students' Learning Activity Score Based on Activity Observation Indicators on Cycle I .....	94
Table 12. Students' Learning Motivation Score Based on Motivation Questionnaire Indicators on Cycle I .....	96
Table 13. Students' Learning Activity Score Based on Activity Questionnaire Indicators on Cycle I .....	99
Table 14. Students' Learning Motivation Score Based on Motivation Observation Indicators on Cycle II .....	111
Table 15. Students' Learning Activity Score Based on Activity Observation Indicators on Cycle II .....	113
Table 16. Students' Learning Motivation Score Based on Motivation Questionnaire Indicators on Cycle II .....	115
Table 17. Students' Learning Activity Score Based on Activity Questionnaire Indicators on Cycle II .....	117
Table 18. The Comparison of Class Learning Motivation Score Based on Observation Sheet from Cycle I to Cycle II .....	124
Table 19. The Comparison of Individual Achieved Score in Motivation Based on Observation Sheet from Cycle I to Cycle II .....	125
Table 20. The Comparison of Motivation Achieved Percentage Based on Observation Sheet Instrument Indicators .....	127
Table 21. The Comparison of Class Learning Motivation Score Based on Questionnaire Instrument from Cycle I to Cycle II .....	130
Table 22. The Comparison of Individual Achieved Score in Motivation Based on Questionnaire Instrument from Cycle I to Cycle II .....	131
Table 23. The Comparison of Motivation Achieved Percentage Based on Questionnaire Instrument Indicators .....	133
Table 24. The Comparison of Class Learning Activity Score	

Based on Observation Instrument from Cycle I to Cycle II .....	141
Table 25. The Comparison of Individual Achieved Score in Activity Based on Observation Instrument from Cycle I to Cycle II .....	142
Table 26. The Comparison of Activity Achieved Percentage Based on Observation Instrument Indicators .....	144
Table 27. The Comparison of Class Learning Activity Score Based on Questionnaire Instrument from Cycle I to Cycle II .....	146
Table 28. The Comparison of Individual Achieved Score in Activity Based on Questionnaire Instrument from Cycle I to Cycle II .....	147
Table 29. The Comparison of Activity Achieved Percentage Based on Questionnaire Instruments Indicators .....	149

## LIST OF FIGURE

Figure 1. Social Cognitive Diagram.....	17
Figure 2. Community of Inquiry .....	35
Figure 3. Conceptual Framework Scheme .....	52
Figure 4. ActionResearch Protocol .....	55
Figure 5. The Action Research Cycle .....	69
Figure 6. SMKN 1 Bantul Organization Structure.....	78
Figure 7. Individual Students' Learning Motivation Percentage Score from Observation Sheet on Cycle I .....	93
Figure 8. Individual Students' Learning Activity Percentage Score from Observation Sheet on Cycle I .....	95
Figure 9. Individual Students' Learning Motivation Percentage Score from Questionnaire on Cycle I .....	97
Figure 10. Individual Students' Learning Activity Percentage Score from Questionnaire on Cycle I .....	100
Figure 11. Individual Students' Learning Motivation Percentage Score from Observation Sheet on Cycle II .....	112
Figure 12. Individual Students' Learning Activity Percentage Score from Observation Sheet on Cycle II .....	114
Figure 13. Individual Students' Learning Motivation Percentage Score from Questionnaire on Cycle II .....	116
Figure 14. Individual Students' Learning Activity Percentage Score from Questionnaire on Cycle II .....	118
Figure 15. Individual Achieved Percentage Based on Observation Sheet Instrument from Cycle I to Cycle II .....	126
Figure 16. Chart of Classical Comparison of Average Score in Motivation Based on Observation Instrument Indicators from Cycle I to Cycle II .....	128
Figure 17. The Comparison of Improvement Percentage Achieved in Motivation Based on Observation Instrument .....	129
Figure 18. Individual Achieved Percentage in Motivation Based on Questionnaire Instrument from Cycle I to Cycle II .....	132
Figure 19. The Chart of Classical Comparison of Average Score in Motivation Based on Questionnaire Instrument Indicators from Cycle I to Cycle II .....	134
Figure 20. The Comparison of Improvement Percentage Achieved in Motivation Based on Questionnaire Instrument .....	135
Figure 21. Individual Achieved Percentage in Activity Based on Observation Instrument from Cycle I to Cycle II .....	145
Figure 22. The Chart of Classical Comparison Average Score in Activity Based on Observation Instrument Indicators from Cycle I to Cycle II .....	145
Figure 23. The Comparison of Improvement Percentage Achieved	



in Activity Based on Observation Instrument	
Figure 24. Individual Achieved Percentage in Activity Based on Questionnaire Instrument from Cycle I to Cycle II.....	148
Figure 25. The Chart of Classical Comparison Average Score in Activity Based on Questionnaire Instrument from Cycle I to Cycle II .....	150
Figure 26. The Comparison of Improvement Percentage Achieved in Activity Based on Questionnaire Instrument .....	151

## LIST OF APPENDICES

### Appendix I

Appendix 1.1 Pre-Research Observation Result .....	172
Appendix 1.2 Research Permission Letter .....	177
Appendix 1.3 Steps and Conditions in Implementing Active Learning Model Using Domino Card Media .....	178
Appendix 1.4. Observation Instrument .....	183
Appendix 1.5. Questionnaire Instrument .....	191
A. Questionnaire Before the Validity and Reliability Test.....	191
B. Validity and Reliability Test.....	201
C. Questionnaire After the Validity and Reliability Test.....	209
Appendix 1.6. Name Lists, Team Division and Observation Form .....	217
Appendix 1.7. Fields Notes Format .....	219

### Appendix II

Appendix 2.1 Lesson Plan and Learning Materials .....	221
Appendix 2.2 Domino Card Learning Media on Cycle I and the Key Answers .....	233
Appendix 2.3 Seating Map Report .....	263
Appendix 2.4 Student Attendance .....	264
Appendix 2.5 The Data Analysis Based on Observation Instrument.....	265
Appendix 2.6 The Data Analysis Based on Questionnaire Instrument....	273
Appendix 2.7 Pre-test, Post-Test and Key Answers on Cycle I .....	283
Appendix 2.8 Game Result from the 1 <sup>st</sup> Cycle .....	289
Appendix 2.9 Students' Progress Sheet on Cycle I .....	290
Appendix 2.10 Field Notes from Cycle I .....	292
Appendix 2.11 Documentations .....	296

### Appendix III

Appendix 3.1 Lesson Plan and Learning Materials .....	299
Appendix 3.2 Domino Card Learning Media on Cycle I and the Key Answers.....	308
Appendix 3.3 Seating Map Report .....	319
Appendix 3.4 Students' Attendance .....	320
Appendix 3.5 The Data Analysis Based on Observation Instrument .....	321
Appendix 3.6 The Improvement Analysis of The Students' Learning Motivation and Activity Based on Observation Instrument From Cycle I to Cycle II .....	329
Appendix 3.7 The Data Analysis Based on Questionnaire Instrument .....	331

Appendix 3.8The Improvement Analysis of Students' Learning Motivation and Activity Based on Questionnaire Instrument from Cycle I to Cycle II .....	341
Appendix 3.9Pre-test, Post-test and Key Answers on Cycle II .....	343
Appendix 3.10 Game Result from the 2 <sup>nd</sup> Cycle .....	345
Appendix 3.11Students' Progress Sheet on Cycle II .....	346
Appendix 3.12 Field Notes from Cycle II .....	348
Appendix 3.13Documentations .....	350