STATEMENT ON PLAGIARISM

Plagiarism is a form of falsely presenting someone else’s words or ideas as one’s own, in whole or in part, either explicitly or implicitly, either word-for-word or by paraphrasing. When students wish to include in their own work a passage from any source (print, electronic, or other), they may ethically do so by 1) quoting verbatim, or 2) paraphrasing the source, then acknowledging the source with footnotes, endnotes or parenthetical notes. Plagiarism can also include submitting someone else’s work as one’s own.

Columbus State University takes plagiarism very seriously and will not tolerate it.

Last Revised: January, 2010
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CHECKLIST FOR SUBMISSION OF THESES

_____ Four identical copies are available for binding.

_____ All pages of the thesis have margins of 1.5 inches on the binding side and 1 inch on the other three sides.

_____ The correct degree title and year of award appear on the title page.

_____ The student’s name appears consistently, first name first, with the first and last names conforming exactly to the Columbus State University records.

_____ The original signatures of the members of the relevant Thesis Committee appear on the Signatory Page submitted.

_____ The Signatory Page includes the student’s original signature.

_____ Each copy of the thesis is set up with proper preliminary page arrangement and pagination.

_____ Pagination has been checked throughout. Page numbers in the body of the thesis must be consecutive, including references, bibliography, appendices, etc. Theses that are missing page numbers or have duplicate page numbers will not be accepted. Only whole numbers are acceptable for page numbers.

_____ Every page is clear and readable. Copies should be checked after duplication. Poor copies are not acceptable.

_____ The binding fee for each copy has been paid to the Periodicals Assistant and a CSU Binding File Slip has been filled out.

_____ Each copy of the thesis is presented in a large manila envelope with a copy of the title page taped securely to the front (these title pages may be photocopies).

Further clarifications may be obtained from the Chair of the Graduate Program Committee by calling (706) 565-2410, sending an e-mail to cs@colstate.edu, or visiting the School of Computer Science Office, CCT 453 Center for Commerce and Technology, during normal business hours, Monday through Friday.
GENERAL INFORMATION FOR FILING OF THESES

INTRODUCTION

Thesis

The requirements described in this Style and Policy Manual have been established so that theses are presented in a form suitable for library cataloging and shelving. The thesis takes its place in the library as a product of original thinking and research, and it is, therefore, designed to appear in a form comparable to a published work.

It is your responsibility to read and follow the requirements presented here and to submit documents of highest quality. The final copies will not be accepted with corrections, insufficient margins, or if they are of such poor quality that copies cannot be made.

Because these policies may be revised on occasion, students should not use library or departmental copies of previous Columbus State University theses as sole examples of proper format.

It is strongly suggested that a draft of the entire thesis be reviewed by the thesis advisor well before the final copies are made.

Thesis Advisors

Your thesis advisor in the School of Computer Science is available for questions and should be consulted before the final preparation and presentation of the thesis. Drafts and samples of your work may be presented to the Chair of the School of Computer Science Graduate Program Committee for preliminary approval.

REQUIREMENTS FOR ALL THESES

Language

The thesis must be written in English.

Application for the degree

An Application for graduation with a Master’s Degree must be completed at the Registrar’s Office, one semester prior to the expected completion of the degree requirements.

Completion of degree requirements

Completion of degree requirements includes the successful defense of the thesis, submission, to the School of Computer Science, of four approved copies of the thesis, and successful completion of program course requirements as outlined by the student’s advisor. All requirements must be completed by the last day of semester (defined as the last day of examinations) if the degree is to be awarded that semester.
Thesis Defense and Faculty Approval

Each thesis must be defended by the candidate before the graduate faculty of the program. Although all graduate faculty members may participate during the defense, only the Thesis Committee members decide on the success or failure of the defense. The thesis must be approved by the Thesis Committee and a copy of the Signatory Page carrying the original signatures of the Thesis Committee members must be submitted with each of the required four copies of the thesis. The thesis advisor is asked to inspect the thesis carefully for conformity with the requirements listed herein.

Presentation to the School of Computer Science

Four unbound copies of the completed thesis must be submitted to the Chair of the Graduate Program Committee of the School of Computer Science. Each copy must be presented in a separate manila envelope with a copy of the title page taped securely to the outside and a Signatory Page signed by the Thesis Committee members on the inside.

Final Inspection by the School of Computer Science

The thesis must be presented in person at the office of the School of Computer Science. The student may designate someone else to bring the thesis to the School. The Chair of the Graduate Program Committee will inspect the thesis and determine whether its final form is satisfactory. If the stated requirements are not met, the thesis will not be accepted by the School of Computer Science until the necessary corrections have been made. Thus, it is advisable to have the thesis reviewed by the thesis advisor well before submitting the final four copies.

Copyrighting

It is recommended that candidates apply for a copyright on their thesis. If they choose to do so, a copyright page must be inserted in each copy of the thesis.

Binding Fees and Binding Extra Copies of Your Thesis

The School of Computer Science has arranged for the binding of theses through the CSU library. After binding the four required copies, two copies are placed in the library, one is kept in the office of the School of Computer Science, and the fourth copy is retained by the College of Business and Computer Science. The library’s policy for the binding of theses is as follows:

1. Theses should be turned in for binding to the Periodicals Assistant in the Schwob Library, Room 114. (Linda Jones, 565-3556)
2. Theses are accepted Monday through Thursday between the hours of 8:00am and 5:00pm; Friday between 8:00 a.m. and 11:00 a.m.
3. Four copies must be printed on 100% cotton bond paper. Two of these copies are retained by the library.
4. Each copy submitted for binding must be in a separate manila envelope. Each envelope should be marked with the student’s name, degree earned, and semester and year of graduation. The four envelopes containing the library copies and the departmental and College copies must be clearly marked as such to differentiate them from personal copies. (See details on Thesis Binding Checklist (PDF)).

5. The library considers all theses presented for binding as being in their final form. All editing and collating must be completed prior to submitting the material to the library. No material will be returned for revision once it has been accepted for binding.

6. The library assumes no responsibility for, and will not correct, misspellings or collation errors (missing pages, misnumbered pages, etc.).

7. If there are separate illustrations that accompany the thesis text, they must be glued in by the student. The library will provide special glue for this procedure.

8. All copies to be bound must be paid for in advance and turned in together.

9. The student will pay for the binding of all copies (the four required copies and any personal copies that he/she desires). Cost of each copy will be $11.25 (effective June 2008). Checks should be made payable to Columbus State University Library. The check should be given to the Periodicals Assistant.

10. The student will complete a CSU Binding File Slip at the time copies are turned in and paid for. This slip will serve as the student’s receipt. (Printable Binding Slip (PDF))

11. Price for each copy includes gold lettering as follows:
   - author’s last name and year on spine
   - full author and title on front cover
   - Theses will be bound in green (#490)

12. The Periodicals Assistant will inform the student of the estimated date of return for the bound theses. Normally, bound theses will be ready approximately 4-6 weeks after drop-off at the library. However, the bindery’s pick-up schedule may affect turnaround time.

13. Thesis authors are responsible for picking up any personal copies as well as departmental copies (if applicable). Thesis authors moving out of the area immediately after graduation should make arrangements to have their personal and departmental copies picked up by another person. Please provide local contact information on this other person on the Binding Slip. The Periodicals Assistant will notify the author, or his designee, when a thesis is ready for pickup. Theses may be picked up Monday through Thursday between the hours of 8:00am and 5:00pm; Friday between 8:00am and 11:00am.

It is your responsibility to determine whether additional copies of the thesis should be made. All students are advised to retain a copy of the thesis for their own use. Inquiries regarding binding of personal copies should be directed to the Periodicals Assistant in the Library. It is considered a professional courtesy to provide your thesis advisor and, at your discretion, other members of your committee with a copy of your thesis.
PRODUCING THE THESIS

GENERAL

Typists

Manuscripts may either be prepared by students themselves or be done for them by a professional. The School of Computer Science does not recommend individual typists. It is advisable to make early arrangements since it may be difficult to obtain these services during the latter part of an academic semester. Students should ensure that the typist has a current copy of this manual.

Paper

It is essential for maximum strength, durability, and permanence that the four official copies of the thesis be submitted on paper that is: no less than 20 pound, 8.5" by 11", and 100% cotton bond. Paper of this quality will also have the required opacity to prevent type from the following page from showing through when photocopied. You may be able to purchase the appropriate paper at cost through the CSU Print Shop.

Typing or Printing the Thesis

Theses must be typed or printed, single-sided, using black characters on white paper. The text should be separated into main divisions of chapters or major sections (i.e., Introduction, Methods, Results, Discussion, etc.) Each chapter or major section must begin on a new page with the chapter/section heading at the top of the page. Do not start sub-sections within chapters or their equivalent on a new page; they must follow one after the other with no page breaks.

The text must be double-spaced. Footnotes, tables and quotations may be single-spaced, and the Bibliography or List of References may be single-spaced within entries and 1.5 or double-spaced between entries.

FORMATTING

All requirements set forward in this manual must be met when producing a word-processed thesis. The School of Computer Science requirements will not be changed to meet the limitation of your word-processing program. Specific rules regarding typesetting programs are as follows:

Character Size

The use of a font that has a size of 12 point is recommended. Subscripts or superscripts must not be smaller than 9 point. Theses using over-sized or small font sizes will not be accepted.
Fonts

The same typeface and size must be used throughout the text. However, approval may be given for illustrations to be in a different typeface.

Use a standard, clearly legible font. Exotic fonts will not be accepted. Bold, italics, and underlines are acceptable, but only if they remain in the same character size as the rest of the text. If you have any questions regarding a particular font, please bring an original example to the Chair of the School of Computer Science Graduate Program Committee.

Printers

It is recommended that the final copy be produced by a high quality laser printer. Most laser printers will produce an acceptable thesis. However, if you have any questions, please submit a sample for prior approval.

Many bubble/ink jet printers will produce an acceptable thesis. If you are using this type of printer, you should bring an original printed sample to the Chair of the School of Computer Science Graduate Program Committee for approval.

The final copies must be neatly executed and correct in spelling, punctuation, and format. The print must be of the same intensity throughout. Corrections on the submitted copies (i.e., whiteout, correction tape, interlineations, etc.) will not be accepted.

Symbols

Certain symbols that are otherwise unavailable may be written neatly by hand with black ink. However, every attempt should be made to obtain a dry-transfer version or use international, scientific, or mathematical fonts in the word-processing package used.

Duplicating the Thesis

Only black print copies on white paper (of the quality previously described) are acceptable; copies that are too dark or too light will not be accepted. Computer generated copies are also acceptable with the same criteria.

Style Manuals

General questions of appearance, arrangement of pages, and bindability are answered in this manual. Other style manuals may be referred to, but, if they differ, this one will take precedence over the others.

Justification

The text of the thesis will be presented with full justification on the prescribed margins.
Margins

The margin is defined as the blank space surrounding printed matter. The mechanics of binding require that theses have at least a 1.5-inch margin on the binding side of the page and a 1-inch margin on the remaining three sides. No margin may be greater than 1.5 inches. Please note that the page number is included in the text area and must not violate the margins. The margin above the page number must be at least 1 inch. Insufficient margins seriously affect the readability and appearance of the thesis. Theses that do not meet these requirements will not be accepted.

Margin requirements apply to all materials to be bound within the thesis, including appendices.

In a single-sided presentation using facing caption pages for illustrations, the margins on the facing pages are reversed (i.e., the right margin is 1.5 inches, and the top, bottom, and left margins are 1 inch.)

PAGINATION

Please note: two separate numbering systems are used in formatting the thesis:

Preliminary Pages

The Title Page is page one, but is not numbered. Small roman numerals (i.e., ii, iii, iv, etc.) are used for all other preliminary pages, including subsequent pages of the Signatory Page, Abstract, Table of Contents, List of Figures, List of Tables, Acknowledgments, Dedication, etc. The numbers must appear in the upper right-hand corner of the page at least 1 inch from the edge of the paper to allow for the standard margin. A Preface is optional but if it is included, it must be listed in the Table of Contents.

Text

The text is numbered with Arabic numerals, without embellishment or punctuation (i.e., initials, hyphens, running heads or footers, lines across the page, etc.,) centered at the top of the page or placed in the upper right-hand corner so that they are at least 1 inch from the top and right edges of the paper. Only whole numerals are acceptable and must be in the same typeface and location throughout. Pages numbered 1a, 1b, etc., will not be accepted.

Every page must have a page number. However, the number will not appear on the following pages:

- The first page of text (the second page is page 2)
- The first page of each Chapter
- The first page of the Bibliography or References Cited
- The first page of each Appendix.

Minor sections within chapters are not considered title pages and must carry a page number.
INTRODUCTION

If an Introduction to the thesis is included, it is numbered with the text. There is only one introduction to a thesis. Introductions to chapters must be titled as such.

FOOTNOTES, CHAPTER NOTES, OR END NOTES

Notes contain additional textual material or references to specific citations in the text and may be presented in one of three ways:

- Footnotes at the bottom of each page.
- Notes at the end of each chapter, beginning on a new page and titled “Notes to Chapter _.” A page number appears on every page, including the first page. Notes may not be titled “References.”
- End Notes at the end of the text and placed before the Bibliography or List of References. The page number does not appear on the first page of End Notes.

When citing literature, as much information should be given on the page where the citation is made as is consistent with publication practice in your field of research. You must use only one of the above note methods. Footnotes, Chapter Notes, or End Notes do not take the place of a Bibliography or List of References.

ILLUSTRATIONS

For the purpose of the Style and Policy Manual, the term illustrations refers to informational material that illustrates and enhances the text. Figures, Maps, and tables are all examples of illustrations and are either inserted throughout the text, appearing as soon as possible after the references to them have been made, or grouped at the end of each chapter. Whichever method you choose, you must use it consistently for all the figures, tables, or other illustrations included.

All illustrations must conform to the margin requirements. Please consult a thesis advisor for help with an oversize illustration. If an illustration continues for more than one page, subsequent pages are numbered consecutively with the rest of the text. The illustration number is followed by the word continued placed appropriately. (EXAMPLE: Table 2 (continued)). All illustrations, including those appearing in appendices, must be numbered, titled, and listed in the appropriate preliminary pages. They may be numbered consecutively throughout the text or within each chapter or appendix. If you choose to number them within each chapter or section, they must be identified with the chapter or section number. For example: Figure 1.1_(Title), Table II.2_(Title). Illustrations in previously published material, which you are presenting as appendices, may retain the original identification and should not be listed in the preliminary pages.
Captions and Legends

A caption consists of the illustration number (e.g., Figure 1:) and its title. Captions may be single spaced and must all be in the same typeface. If illustrations are reduced, the caption and page number must remain the same size as the text. Captions must not appear on mounted material. If illustrations appear horizontally (i.e., landscape format) in the text, the top must be on the left margin, and the caption, whether on the same or a facing page, must also appear horizontally. The page number remains vertical (i.e., portrait format), consistent with the rest of the text. Table captions appear above the table, while all other illustrations are captioned below, except when a facing page is used.

Facing Caption Pages

In single-sided presentations, a facing page may be used only to carry a caption for an illustration and only one page number is assigned. The caption appears on the left (facing) page and the illustration on the right. The facing page is bound on the right; therefore, the right margin must be 1.5 inches. Because both pages are considered as one, only one page number is assigned. This number appears on the facing page either centered or in the upper left corner, whichever corresponds to the rest of the text. Please note: In single-sided presentation, the facing page may not be the back of the preceding page.

Tables

Tables contain information placed in a columnar arrangement and are the only illustrations numbered and captioned above.

Figures

Figures may include photographs (original or photocopied), charts, diagrams, graphs, and drawings. If original photographs are used, they must be included in all official copies of the thesis.

They must all be listed in the preliminary pages in a List of Figures. Figure titles in the List of Figures may be abbreviated, if necessary. Figure numbers and captions appear below the figure. (See example below.)

Color

Color figures may be included, provided no loss of relevant information would result should the page containing a color figure need to be printed out on a B&W printer. Color photocopy is acceptable.

Oversize Illustrations

All illustrations must conform to margin requirements. If these materials are larger than 8.5 x 11 inches, there are three alternatives: reduction, folding, or a pocket.
Reduction

This is the preferred method of handling oversize materials. However, the reduced material must be clearly legible and copiable. Please note: page numbers and captions must remain full-sized.

Folding

If it is not possible to reduce the material, an oversize page (11 x 17) may be bound into the thesis. This oversize page can be trimmed down, maintaining appropriate margins, to 11 x 16 for folding. Please do not fold these pages without consulting a thesis advisor. If it is not done correctly, they may be damaged in the binding process. Correct margins must be maintained on the oversize page, and page numbers are placed on the printed side of the paper to correspond with pagination in the rest of the text.

Pockets

If neither of the above methods is feasible, a request may be made that the bindery provide a pocket in the back binding of the thesis to place the oversize materials in. Pocket material must be folded to within 7 x 10 inches. Although no page number is required, pocket materials must be listed in the Table of Contents. This method should be used only in exceptional circumstances, because pocket materials are frequently lost from the bound copies of the thesis.

BIBLIOGRAPHY OR LIST OF REFERENCES

A Bibliography or List of References is a comprehensive list of all sources used by the author and is required at the end of each thesis, appearing immediately after the text. The School of Computer Science will accept any recognized format but it must be used consistently throughout.

APPENDICES

Appendices may consist of material that is related to, but not appropriate for, inclusion in the main body of the text. They appear after the Bibliography or List of References and must be titled. They are listed, along with their titles, in the Table of Contents, not on a separate list of appendices. Pagination is continuous with the text, and the first page of each appendix is treated like the first page of a chapter in the text (i.e., counted, but not numbered).

Appendix material need not be retyped unless it fails to meet School of Computer Science requirements for margins and readability. Material may be reduced as long as it remains legible. However, appendix titles and page numbers must remain full-size; it is recommended that they be added to the page after reduction. Any illustrations appearing in the appendices which are not from previously published material must be captioned and placed in the appropriate list. (See section on illustrations)
ARRANGEMENT OF PAGES

Each copy of the master’s thesis submitted to the School of Computer Science must include the following in the order listed: (Sample pages are provided in the following section.)

- Title/Copyright page (See sample)
  - Title Page, which includes the correct degree title, the correct year the degree is awarded, and the first and last names of the author conforming exactly to University records. (See sample.)

- Signatory Page with all original signatures. (See sample.)

- Abstract

- Table of Contents. (See sample.)

- List of Figures, List of Tables, etc., if the thesis contains such illustrations, each starting on a separate page. (See sample.)

- Any optional preliminary pages, such as a Glossary, List of Abbreviations, Preface, etc., will appear next.

- Acknowledgments.

- Dedication (optional) in English (may be accompanied by a translation in another language).

- Text of the thesis.

- Bibliography or List of References.

- Appendices (if included).

- Pocket material (if included).
PAGE FORMAT

TITLE PAGE

All text appearing on the Title Page must be centered on the margins.

Unit Awarding the Degree

The name of the University, the name of the College and the name of the Graduate Unit from which he degree will be received must be put at the top of the title page.

Title

The Columbus State University transcript will allow a total of two hundred characters, including spaces, in the title. Formulas, symbols, superscripts, subscripts, Greek letters, and chemical names must be expressed in words. If these requirements present a problem to you, please contact the Chair, Graduate Program Committee of the School of Computer Science. The title should be single-spaced and in sentence format but with all important words capitalized.

Author’s Name

The author’s name is preceded by the following statement: “A Thesis in <degree program> by”.

The name must appear consistently, first name first, with the first and last names conforming exactly to Columbus State University records. PLEASE NOTE: NO PROFESSIONAL OR OTHER TITLES OR INITIALS MAY ACCOMPANY YOUR NAME.

Degree Title

The degree title is presented as follows:

Submitted in Partial Fulfillment
of the Requirements
for the Degree of

Master of Science

Date of Degree Conferral

The month and year of conferral of the degree must appear on the title page.

Copyright

The copyright symbol followed by the year and the author’s name.
Number of Copies of the Title Page

A total of eight title pages are required for submission of the master’s thesis. Four must be original copies. These four are placed with the copies of the thesis inside the manila envelopes. Four other title pages are taped securely to the front of the envelope.

PRELIMINARY PAGES

Preliminary pages include the Signatory Page, Abstract, Table of Contents, any lists (List of Figures, List of Tables), Preface, Acknowledgments, and Dedication, if applicable. Each will appear on a separate page.

Pagination

Preliminary pages are numbered with lower-case Roman numerals in the upper right-hand corner of the page at least 1 inch from the edge of the paper. The title page is page one (i) but is not numbered. The Signatory Page is page 2 (ii), the abstract is page 3 (iii), etc.

SIGNATORY PAGE

Each copy of the thesis or dissertation must include a Signatory Page prepared according to the appropriate sample appearing here. It should have the original signature of the author and the original signatures of the thesis committee members on each copy along with the date of each signature.

ABSTRACT

An abstract is a single paragraph in which you the essence of the thesis work is summarized: why the work was done, what problem was addressed, how the problem was approached, what major results were found, what major conclusion were drawn. It would be unusual for an abstract to be longer than two pages.

TABLE OF CONTENTS

Each thesis must have only one Table of Contents listing all of the chapters or main sections and their appropriate page numbers. The listing of subdivisions within chapters is optional. Only major divisions, whether called chapters or not, will start on a new page; divisions within chapters must be contiguous with the previous text. The numbering and wording of titles and headings in the Table of Contents must be consistent with the text.

Preliminary Pages

All preliminary pages must be included in the Table of Contents except the Title Page and Signatory Page.

Appendices

Each appendix must be identified separately, including a title, and must be listed in the Table of Contents, NOT on a separate List of Appendices. Appendices are paginated consecutively with the text.
Pocket Materials

Pocket materials to be included in the inside back cover must be listed after the appendices.

LIST OF FIGURES, LIST OF TABLES ETC.

If the thesis includes any figures, tables, etc., they must be identified in a List of Figures, List of Tables, etc., in the preliminary pages.

Page Arrangement and Pagination

Each List of Figures, List of Tables, or List of Illustrations included in the preliminary pages must appear on a separate page and must be numbered in small Roman numerals centered at the bottom of the page, at least one inch from the edge of the paper, in the order in which they are to be bound.

Captions

All illustrations must be numbered and titled. Captions must appear on the appropriate list in the preliminary pages. These may be abbreviated titles if the full title is too long for inclusion.

Format

The sample List of Figures shows the format to be used in preparing any additional lists to be included.

ACKNOWLEDGEMENTS

Acknowledgments recognize the persons to whom you are indebted for guidance and assistance and those to whom you are grateful for any special or nonroutine aid. Graduate Faculty members serve on Thesis Committees as part of their regular work and do not require formal acknowledgment, although in most cases the help given far exceeds any requirement and should, as a matter of courtesy, be recognized. Acknowledgments should be expressed simply and tactfully. They should be 1.5 or double-spaced and conform with margin requirements.

Pagination

Acknowledgments are numbered consecutively with the other preliminary pages with small Roman numerals centered at the bottom of the page. Please note: Acknowledgments and/or Dedication are not listed in the Table of Contents.
APPENDIX - SAMPLE PAGES

On the following pages you will find samples of the following thesis pages:

- Title/Copyright Page
- Signatory Page
- Table of Contents (see the TOC for this document)
- List of Figures (the List of Tables, etc. will have the same basic format)
Statistical Tools for
Linking Engine-generated Malware to its Engine

A Thesis in
Applied Computer Science

by
Edna Chelangat Milgo

Submitted in Partial Fulfillment
of the Requirements
for the Degree of

Master of Science

December 2009

©2009 by Edna Chelangat Milgo
I have submitted this thesis in partial fulfillment of the requirements for the degree of Master of Science

Date Edna Chelangat Milgo

We approve the thesis of Edna Chelangat Milgo as presented here.

Date Mohamed R. Chouchane Assistant Professor of Computer Science, Thesis Advisor

Date Edward L. Bosworth, Associate Professor of Computer Science

Date Jianhua Yang, Associate Professor of Computer Science

Date Lei Li, Associate Professor of Computer Information Systems Management
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