THE UNIVERSITY OF SOUTH ALABAMA

COLLEGE OF ARTS AND SCIENCES

# THE TITLE OF YOUR THESIS/DISSERTATION

BY

Agrad S. Tudent

A Thesis

Submitted to the Graduate Faculty of the

University of South Alabama

in partial fulfillment of the

requirements for the degree of

Master of Science

in

Electrical and Computer Engineering

May 2021

Approved: Date:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Chair of Thesis Committee: Dr. First Name, Middle Initial, Last Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: Dr. First Name, Middle Initial, Last Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Committee Member: Dr. First Name, Middle Initial, Last Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chair of Department: Dr. First Name, Middle Initial, Last Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Director of Graduate Studies: Dr. First Name, Middle Initial, Last Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dean of the Graduate School: Dr. J. Harold Pardue

# THE TITLE OF YOUR THESIS/DISSERTATION

A Thesis

Submitted to the Graduate Faculty of the

University of South Alabama

in partial fulfillment of the

requirements for the degree of

Master of Science

in

Electrical and Computer Engineering

by

Agrad S. Tudent

B.S., University of South Alabama, 2009

May 2021

# ACKNOWLEDGEMENTS

If there is anyone you would like to thank, this should go here. This page is optional. If you wish to include a dedication, keep it brief and center it in the center of the page with no heading. If a dedication is used (also optional), it will be page ii and the Acknowledgement will be page iii. Delete this page if you aren’t planning to use it.

# TABLE OF CONTENTS

Page

LIST OF TABLES v

LIST OF FIGURES vi

ABSTRACT vii

CHAPTER I 1

1.1 2

1.2 4

1.3 4

CHAPTER II 5

2.1 5

2.2 5

CHAPTER III 6

3.1 6

3.2 6

3.2.1 6

3.2.2 6

3.2.2.1 6

3.2.2.2 6

3.2.2.2.1 6

3.2.2.2.2 6

3.3 6

CHAPTER IV 7

4.1 7

CHAPTER V 8

CHAPTER VI 9

CHAPTER VII 10

CHAPTER VIII 11

CHAPTER IX 12

CHAPTER X 13

REFERENCES 14

APPENDICES 15

Appendix A insert title here 15

Appendix B insert title here 15

Appendix C insert title here 15

Appendix D insert title here 15

BIOGRAPHICAL SKETCH 16

# LIST OF TABLES

Table Page

1. List first sentence of table caption here, must match exactly 3

2. List first sentence of table caption here, must match exactly 25

3. List first sentence of table caption here, must match exactly 30

Appendix Table

# LIST OF FIGURES

Figure Page

1. List first sentence of figure caption here, must match exactly 30

2. List first sentence of figure caption here, must match exactly 32

3. List first sentence of figure caption here, must match exactly 37

4. List first sentence of figure caption here, must match exactly 39

5. List first sentence of figure caption here, must match exactly 45

# ABSTRACT

Your last name, first name, middle name or initial if applicable, M. S., University of South Alabama, May 2021. The Title of Your Paper. Chair of Committee: First Name, Last Name, Ph.D.

If this is a **thesis**, the abstract may only be **one** page in length. If this is a **dissertation**, it may be **two** pages in length.

# CHAPTER I

**INSERT TITLE OF CHAPTER**

Begin Chapter I here. Chapter headings are considered major headings. They must be followed by three blank line spaces and the page must have a two-inch top margin like all the pages with major headings.

Here are some pointers on the use of *et al.*, as there are options. You can list all authors (three or more) for the first citation of the specific authors in your paper and then use the first author’s name, *et al.*, for the subsequent citations for the particular authors. If there are only two authors, you must list both always. If there are six or more authors, you can use *et al.* for the first and subsequent citations. If you ***start*** your paper using *et al.* for three or more authors, you must do so **consistently** throughout the paper, regardless of it being the first citation.

There are several different ways to format **citations and your reference section**. There is free software available to help you do this. See http://www.southalabama.edu/graduateprograms/thesis.html

T/D FAQ’s “How should I format my Reference Section?” for further information. **The Graduate School highly recommends using available software for citation and reference formatting.** Please remember if you cite using numbers, for example1 or (1) or [1], then your references must appear in the **order of appearance** in your paper, **not** in alphabetical order. For your reference section to appear in alphabetical order, you need to format your citations using the author’s name or names and year of publication.

Getting the **page numbers** in the front and end material has been a problem often encountered by students. Each section can be treated like a mini-document. The front material (Title pages, Contents, Abstract, etc.) is necessarily in several sections (to handle page numbering issues) but the **main text starting Chapter I onwards is not divided into separate sections** for reasons to do with this Template, and should not be Sectioned unless you need to do so for special reasons. Some versions of Word are confused by too many Section Breaks. Different versions of MS Word have different menu options; look for “Section Break” in your menu bar if you need to edit Section Breaks. Complete the page numbers listed in the Contents page only after all other edits have been completed.

Note that while mostly there is a one-inch top margin, the first page of each Chapter and every other major heading must have a two-inch top margin. This is obtained with six blank lines, each 12pt exactly, inserted before the “CHAPTER \*\*” and other major headings, and these must not be removed.

The next page of this template covers how to format **subdivisions**. You may number your subdivisions or you can simply title them. However, the spacing between different types of subdivisions and how the heading appears is quite specific.

## 1.1 Insert title of first order subdivision

Begin text here. Three blank line spaces separate major headings and first order subdivisions. Three blank line spaces also separate first and second order subdivisions. Center and underline.

## 1.1.1 Insert title of second order subdivision here

Begin text here. Second order subdivisions are centered but not underlined.

### 1.1.1.1 Insert title of third order subdivision here.

**EITHER:** Begin text here. End third order subdivision titles with a period. Third order subdivisions begin at the left margin. The text begins at the next line. **OR:**

**1.1.1.1 Insert title of third order subdivision here** and this option consists of letting the title function as part of the opening words of a sentence.

Table 1. Insert table caption here. Tables are separated from the text of your paper by three blank line spaces, above and below. If a table appears on a page without text from the paper, it must be one inch from the top of the page.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

A figure should also be separated from text of your paper by three blank line spaces, above and below. The figure caption goes below the figure. If a figure appears on a page without text from your paper it must be centered on the page.

If your table or figure is too big to place vertically, you can place it horizontally on the page. Remember that the page margins remain the same, regardless of the table or figure placement. You will also need to place the page number at the bottom of the page, despite the horizontal placement.

You may number your tables and figures in numerical order (example: 1, 2, 3, 4, etc.) or by **first order subdivision** (example: Table 1.1, 1.2, etc.). However, tables and figures should **not** be numbered by second or third order subdivisions regardless of whether they are listed in a second or third order subdivision.

# CHAPTER II

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER III

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER IV

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER V

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER VI

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER VII

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER VIII

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER IX

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# CHAPTER X

**INSERT TITLE OF CHAPTER**

This is the next chapter.

To add chapters, insert a Page Break at the end of the previous chapter and use the title format above, including the blank lines above the Chapter heading needed to give the correct placement of the title. Section Breaks should not be necessary anywhere within the main text (chapters) between the front matter and end matter.

# REFERENCES

Firstname, A.B., Nextname, B.C. & Finalname, Y.Z.: ‘Journal paper title’, J. Modern Research **2**(5) 498-518 (2011)

Surname, H.I, Anothername, J.K., Yetanothername, L.M. & Finalname, Y.Z.: ‘Conference paper title’, Proc. Conf. Amazing Research, Chicago, IL, U.S.A. 144-147 (1981)

Verylastname, B. & Coauthor, R.C.: ‘Book title name’, Publisher name, City, State, Nation, ISBN-13 123-4567891234 (2002)

[1] Surname, H.I, Nextname, B.C. & Finalname, Y.Z.: ‘Conference paper title’, Proc. Conf. Amazing Research, Chicago, IL, U.S.A. 144-147 (1981)

[2] Verylastname, R.C.: ‘Book title name’, Publisher name, City, State, Nation, ISBN-13 123-4567891234 (2002)

[3] Firstname, A.B., Anothername, J.K., Yetanothername, L.M. & Finalname, Y.Z.: ‘Journal paper title’, J. Modern Research **2** 498-518 (2011)

## Appendix A: Title of Appendix

If needed for your research, copy and paste the image (screenshot) of your IRB approval form in this Appendix section. You may also place any other supporting documentation in the Appendix section.

# BIOGRAPHICAL SKETCH

Name of Author: Agrad S. Tudent

Graduate and Undergraduate Schools Attended:

Degrees Awarded:

Awards and Honors:

Publications: