To the Graduate Council:
I am submitting herewith a thesis written by My Name entitled "My Thesis or Dissertation Title." I have examined the final paper copy of this thesis for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Degree, with a major in Major.

_____

My Advisor, Major Professor

We have read this thesis
and recommend its acceptance:

_____

Committee Member 1

_____

Committee Member 2

_____

Committee Member 3

Accepted for the Council:

_____

Dixie L. Thompson

Vice Provost and Dean of the Graduate School

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Vice Provost and Dean of the Graduate School

(Original signatures are on file with official student records.)

My Thesis or Dissertation Title

A Thesis Presented for

The Degree

Degree

The University of Tennessee, Knoxville

My Name

Month 20XX

Dedication ...

Acknowledgements

I would like to thank...

Quotation ...

Abstract

Abstract goes here ...

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Chapter 1

Introduction

This is a very short guide to an unofficial thesis/dissertation template for the University of Tennessee. It has been updated to meet the specifications as of 2023 but can be easily altered as the guidelines are changed. This template requires a basic knowledge of LaTeX and should cover the basic requirements in terms of required packages and functionality.

1.1 Disclaimer

This template is distributed AS IS WITH NO WARRANTY. It serves as a guideline and constitutes a basic structure for a thesis/dissertation. The user assumes full responsibility for formatting and typesetting their document and for verifying that all the thesis requirements set by the University of Tennessee are met. Please refer to the most recent UT thesis guide or contact the thesis consultant to whom you should also report bugs.

1.2 Getting started

The general structure of this template is based on the tree shown in Figure 1.1. The titles of the folders are self descriptive and should guide you to proper file placement. Note that this is only a suggested model that could be modified to fit your own organizational structure. You will find the mentioned figure on the next page. This is in accordance with Graduate School policy which states that so-called floats should not appear alongside with text.

1.2.1 Important Files

There are two important files in this template: utthesis.cls and my-dissertation.tex.

- utthesis.cls: Based on the report class, this file contains customized settings, definitions, packages, and macros. The file is located in the root directory. One or more of the packages included may conflict with a package that you want to add. If so, you must resolve the conflict either by removing the unused package or by modifying settings for either package. Preloaded packages include amsmath, amsthm, amssymb, setspace, geometry, hyperref, and color.

- my-dissertation.tex: This is the main file for your thesis/dissertation that brings everything together. Each individual section of your dissertation should be its own .tex file saved in the proper place. For example, a chapter for your dissertation should be saved in the chapters directory while your acknowledgments should be saved in the front-matter directory. You compile my-dissertation.tex to create a complete pdf that can be printed/shared. You may want to change the name of the file to my-name-dissertation.tex. The utthesis document class takes all the options for the report class in addition to thesis/dissertation and monochrome options. If you are writing a thesis, you must use "thesis" otherwise, use "dissertation" or omit that option because dissertation is the default setting. The monochrome option converts all your

document to monochrome - except figures. This may be useful when printing your document since this dissertation has colored hyperlinks which tend to look washed out when printed on a monochrome printer.

1.2.2 Updating Information

Your next step is to update information in my-dissertion.tex such as the document title, your name, degree, etc. This can be done as follows.

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% TO DO: FILL IN YOUR INFORMATION BELOW - READ THIS SECTION CAREFULLY
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\title{Thesis or Dissertation Title}  % title
\author{My Name}                          % your name
\copyrightYear{20XX}              % copyright year
\graduationMonth{Month}                 % month of graduation
\degree{Degree}   % degree: Doctor of Philosophy, Master of ...
\university{The University  of Tennessee, Knoxville} % school
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

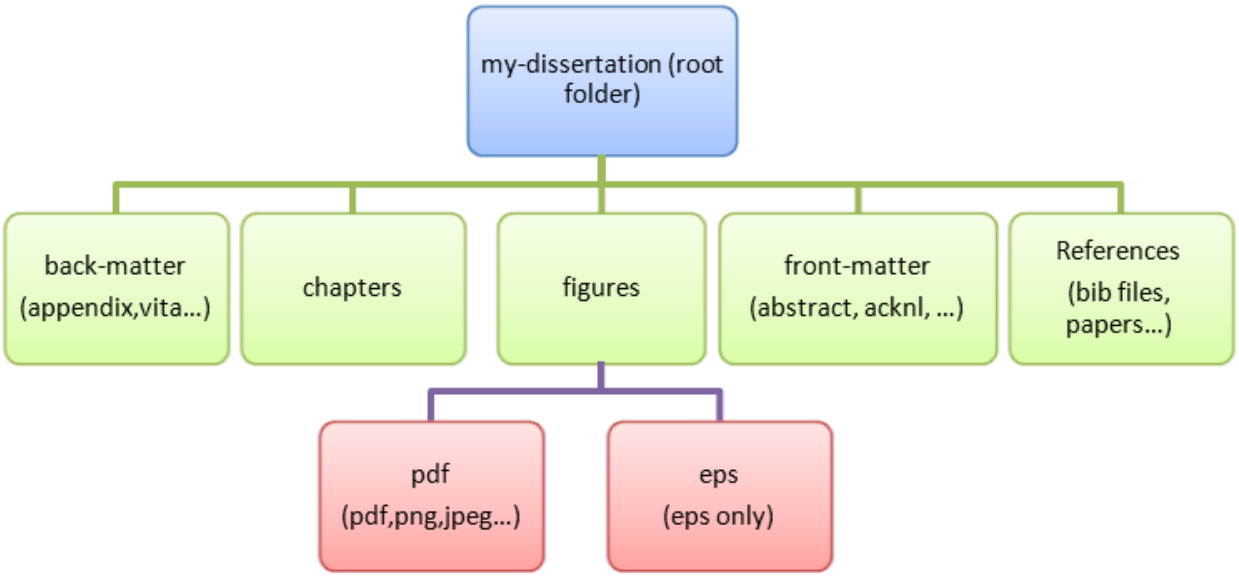


Figure 1.1: UT thesis template folder structure.

1.3 References

The bibliography style used in this template is "apalike". It is an author-year style based on the APA specification. Here is example (Fermi, 1956; Iznogood, 2000). Many other bibliograhy style exist. See documentation elsewhere.

```
\bibliographystyle{apalike}
\bibliography{references-dissertation}
```

The second line specifies the .bib file that lists your references. Remember to run BibTeX in order to compile the bibliography.

1.4 Theorem environments

This template contains predefined theorem, lemma, proposition, corollary, and definition environments. Numbering and other style matters can be changed in the "utthesis.clc" file.

Definition 1.1. *This is an example of a definition.*

Proposition 1.1. *This is an example of a proposition.*

Theorem 1.1 (First theorem)**.** *This is an example theorem.*

Proof for theorem. This is the proof for this theorem. □

Lemma 1.1.1 (First lemma)**.** *This is the first lemma.*

Proof. This is the proof for this lemma that requires Theorem 1.1. □

Corollary 1.1.1. *This is the first corollary.*

1.5 Figures and Tables

1.5.1 General Rules

To comply with Graduate School formatting rules, figure captions should be placed below the figure and table captions should be placed above the table. Also, figures and tables should appear on pages of their own with no text (except for the caption of course). You must allow figures and table to float. DO NOT HARD CODE POSITIONS. In addition, no figure or table should spill into the margins. Should that happen, either resize it so that it or put it on its own landscape oriented page. See Figure 1.2 for an example of the latter. Note the page number location in the example. The code for this is given by:

```
\begin{landscape}
\begin{figure}[h]
    \centering
    \fbox{\rule{8in}{0pt}\rule{0pt}{5in}}
    \caption{This figure is too wide for a portrait page.}
    \label{fig:wide-pic}
\end{figure}
\end{landscape}
```

Be careful about where you place this landscape page, as well as all figures and tables. These objects are not considered part of the text, and thus their placement should not be assigned to a precise location. The general rule to follow is that no text page should have significant white space, with the exception being the last page of a chapter. So if you mention a figure in some paragraph but the figure will not fit on the remainder of the page, continue the text (even if it's a new section) to fill the current page with text and then place the figure on the next page.

Figure 1.2: This figure is too wide for a portrait page.

1.5.2 Single figures

Single figures can created as shown below. For more information, see http://en.wikibooks.org/wiki/LaTeX/Floats,_Figures_and_Captions.

```
\begin{figure}[t for top, b for bottom, h for here,
               p for page with float(s) but no text]
    % Requires \usepackage{graphicx}
    \centering % center the figure
    \includegraphics[width=5in or 127mm etc...]{figure-name}\\
    \caption{figure caption}\label{figure label}
\end{figure}
```

1.5.3 Multipart figures

For multipart figures, use the package "subfig". You can add space between the figures using spacing commands such as "\qquad". For example,

```
\begin{figure}[p]
   \centering
   \subfloat[Circle]{\label{fig:fig-a-space}\includegraphics[width=1in]
     {fig02a-circle}} \qquad
   \subfloat[Rectangle]{\label{fig:fig-b-space}\includegraphics[width=1in]
     {fig02b-rectangle}}\qquad
   \subfloat[Cube]{\label{fig:fig-c-space}\includegraphics[width=1in]
     {fig02c-cube}}\qquad
   \caption{Geometric shapes with space between images.}
   \label{fig:multipart-figure-space}
\end{figure}
```

1.5.4 Tables

Again, table captions should be placed above the table. See Table 1.1 for an example. For more information about tables, see https://en.wikibooks.org/wiki/LaTeX/Tables.

Be aware that LaTeX may decide to group multiple floats together on the no-text page. If you don't like the resulting layout, try different placement options or move one or more floats before or after a large body of text to break the flow. An alternative to the `[p]` option is `\clearpage` which flushes any remaining floats before continuing on a new page. The command `\newpage` breaks to a new page without flushing floats.

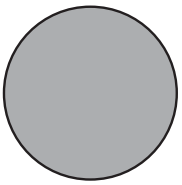
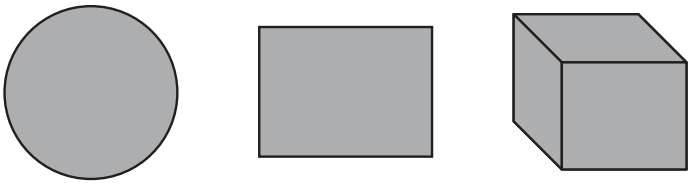


Figure 1.3: Simple figure example.



(a) Circle **(b)** Rectangle **(c)** Cube

Figure 1.4: Example showing multiple subfigures.

Table 1.1: A simple table with info on Smokey

Dog	Years	Record	Pct.
Blue Smokey	1953-1954	10-10-1	.500
Smokey II	1955-1963	58-39-5	.597
Smokey III	1964-1977	105-39-5	.729
Smokey IV	1978-1979	12-10-1	.545
Smokey V	1980-1983	28-18-1	.608
Smokey VI	1984-1991	67-23-6	.744
Smokey VII	1992-1994	27-9	.750
Smokey VIII	1995-2003	91-22	.805
Smokey IX	2004-2012	62-53	.539
Smokey X	2013-present	21-17	.552

Chapter 2

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Chapter 3

Ipsum Lorum

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Chapter 4

Conclusions

Bibliography

Fermi, E. (1956). *Thermodynamics*. Dover Publications.

Iznogood, A. (2000). *When Up is Down*. Academic Press, New York, NY.

Appendix A

Experimental Results

A.1 Experiment 1

Results from Experiment 1 go here.

A.2 Experiment 2

Results from Experiment 2 go here.

Vita

Vita goes here...