

The `york-thesis` class*

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Abstract

The `york-thesis` class implements the York University (Toronto, Canada) Faculty of Graduate Studies guidelines for Theses and Dissertations (Spring 2005). This class file is based on the `report` class included in every \LaTeX distribution. All requirements are pre-programmed and various additional bits that I found useful when writing my dissertation are included.

1 Introduction

This document specifies completely the changes the class file makes to the `report` class in order for the output to meet the York FGS specifications for Theses and Dissertations. These guidelines are available from your graduate programme office and from FGS.¹ It is your responsibility to ensure that your output meets these requirements.

2 Usage

2.1 Installation

Now that you have run both `york-thesis.ins` and `york-thesis.dtx` through \LaTeX , the only file you *need* to install is the `york-thesis.cls` file. It goes in your personal `texmf` tree, wherever that is. For MacOS X users, this location is in `Library/texmf/tex/latex/` in your home folder.

*This document corresponds to `york-thesis` v3.4, dated 2006/05/16.

[†]For the love of all that is holy, if you find errors your output, get hold of me pronto at gall@spookyhill.net — I will make every effort to make the corrections quickly and get back to you. However, you need to describe the problem clearly and include the source and output that offends.

¹They are also available at <http://www.yorku.ca/grads/pub/td.htm>

If you are using emacs and AUCTeX, the file `york-thesis.el` should be installed in a folder called `style` in your personal `emacs-lisp` folder in your home directory. This file contains some definitions for AUCTeX.

The `york-thesis-Template.tex` file contains a sample master document that uses all of the features provided by the class file over `report.cls`. If you forget to set anything, the defaults from the class file will be used, so review your output carefully.

2.2 Deployment

`\documentclass` Use: `\documentclass [options] {york-thesis}`

The `york-thesis` class is invoked in the standard fashion. The defaults are `letterpaper,10pt,oneside,onecolumn,draft,openany`. The `\documentclass` command has extra functionality built into two options: `draft` and `final`. The `draft` option sets the margins to 1 inch all around and single-spaces everything. All other `draft` features of the `report` class (such as marking overfull boxes and providing empty boxes for graphics) are left intact, if you explicitly declare `draft`; otherwise, you get the graphics drawn and bad boxes are not marked. The `final` option, by itself in the options list, sets all parameters for producing output suitable for examination and deposit. All other options are available, though some (like `titlepage`) do nothing.²

2.3 Preprogrammed Formats

The York FGS guidelines are both specific and vague. Where the guidelines *require* some feature, it is implemented as the default. If you change the behaviour of anything, you should confirm that this liberty is permitted by the guidelines. I have taken some liberties that are permitted—these are detailed below.

`\chapter` I have made the size and spacing of the output these commands less idiotic—that is, smaller. The chapter type size is slightly larger than that for the others (`\Large` rather than `\Huge`), but the others are now simply `\large`, save `\paragraph`, which is `\normalsize`. Additionally, the chapter command gives you a chapter number with the title on a single line without the word ‘Chapter’ to remind you that this is where a chapter begins. I think we can all tell from the context.

`\appendix` Appendices are marked with capital Roman letters (i.e., A, B, C, et cetera), and treated exactly the same as a normal chapter.

`quote` I have made a command decision regarding these environments. The guidelines allow for single spacing these in the submission copy and I think it just looks better to do so. So, these three environments are single-spaced in both `draft` and `final`. I am planning to implement a switch for this in the future. If this is an important feature for anyone, please give me a shout.

²If you declare `twocolumn`, the output may be goofy. I intend to make this a real option in future. See §3.2.

`\footnote` The guidelines allow footnotes to be single-spaced, so they are. Also, I have set the footnote continuation bar (the one that gets drawn when footnotes continue on the next page) to be drawn across the width of the text. Again, if anyone needs a switch to double space their footnotes soon, give me a shout.

2.4 Booleans and Macros

2.4.1 Preamble Material

These booleans and macros must be set before the `document` environment begins.

`masters` This boolean sets whether the document should be typeset as a PhD dissertation or a Masters thesis.

`hasfigures` This boolean sets whether there are any figures in the text. All this switch does is tell \LaTeX to construct a list of figures and insert an entry for the list of figures in the table of contents.

`hastables` This boolean sets whether there are any tables in the text. All this switch does is tell \LaTeX to construct a list of tables and insert an entry for the list of tables in the table of contents.

`\title` This macro specifies the title of the work for the title page.

`\author` This macro specifies your name for the title page.

`\department` This macro specifies the department or graduate programme within which you are pursuing the degree.

`\date` This macro specifies the full month and year of the defense date.

`\committeememberslist` Use: `\committeememberslist {<enumerated list>}`

This macro specifies the list of your examination committee members for the authenticity page, if you are printing one. What goes into the macro must be an enumerated list.

`\mastersof` This macro specifies which Masters degree you are attempting (i.e., Master of Science, Master of Arts). This macro has no effect if `\boolean{masters}` is false, i.e., if this is a PhD dissertation.

`\degreename` This macro specifies the name of the degree you are attempting: Master or Magisteriate, Doctor or Doctorate.

`\abstractfile` This macro specifies the filename of the `.tex` file that contains your abstract. If you do not specify a file, nothing is typeset. The macro constructs the title and table of contents entry for the page. All you need to do in the file is enter the text. The first line of the abstract should not be indented, so this is forced by the class file.

<code>\dedicationfile</code>	This macro specifies the filename of the .tex file that contains your dedication text. All you need to do here is specify the text of your dedication.
<code>\acknowledgementsfile</code>	This macro specifies the filename of the .tex file that contains your acknowledgements. If you do not specify a file, nothing is typeset. The macro constructs the title and table of contents entry for the page. All you need to do in the file is enter the text. The first line of the acknowledgements should not be indented, so this is forced by the class file.
<code>\prefacefile</code>	This macro specifies the filename of the .tex file that contains your preface. If you do not specify a file, nothing is typeset. The macro constructs the title and table of contents entry for the page. All you need to do in the file is enter the text. The first line of the preface should not be indented, so this is forced by the class file.
<code>\abbreviationsfile</code>	This macro specifies the filename of the .tex file that contains any abbreviations for citations, et cetera, that you are going to use in the text. If you do not specify a file, nothing is typeset. The macro constructs the title and table of contents entry for the page. All you need to do in the file is enter the text. The first line of the abbreviations page should not be indented, so this is forced by the class file.

2.4.2 Source Material

These macros are used inside the `document` environment.

`\makefrontmatter` This macro generates the title page, abstract, acknowledgements, preface, abbreviations page, table of contents, and lists of tables and figures. It can be commented out until you need the front matter generated.

`\epigraph` Use: `\epigraph {<pithy quote>} {<source>}`

I have added a command to insert an epigraph to be used inside an `epigraphs` environment immediately after the `\chapter` command (or wherever it strikes your fancy). It takes two arguments: a pithy quote and the source. The text is inserted right-justified with a rule underneath just after the chapter title (when invoked right after the `\chapter` command). The output is single-spaced in `draft` mode and double-spaced in `final` mode. As you can see, the possibilities are endless.

2.5 Environments

The `quote`, `quotation`, and `verse` environments have been modified as specified in §2.3.

`epigraphs` This environment allows for the setting of epigraphs—if you are so inclined. It is a list environment and uses the `\epigraph` macro as the list item as specified in §2.4.2.

`fquote`
`fquotation`
`fverse` These environments are redefinitions of the corresponding environments for use

inside footnotes. They properly set the text size to `\footnotesize` and control the spacing appropriately.

3 Miscellaneous Goodies

3.1 Bugs

There are, of course, no bugs in this class file. In the incredibly unlikely event that it does not perform correctly, it is obvious that it is the operator's fault. Please send a detailed description of your error to me at `gall@spookyhill.net` and I will instruct you in the proper use of the class file. If, on the other hand, you have the temerity to think that there could be *improvements* to this most perfect code, please send those along as well for I do enjoy condescending to those who dare second-guess genius.³

3.2 Future Features

- Implement a switch for the `quote`, `quotation`, `verse` environments so that they can be set to double-space in `final` mode.
- Implement a switch for the `\footnote` command so that they can be double-spaced in `final` mode.
- Some people might want to have the option of setting their `draft` documents two sided and/or two columned (i.e., any damned way they want). If you do so right now, things may look goofy (most of the frontmatter, for instance). I want to make it such that a decent looking `draft` document can be generated. My idea here is that users might want to make their thesis/dissertation look like a book at the end of the day, since the `final` document is not set like a book. This is not a high priority.
- Generation of subject matter appropriate text. I forsee a `generate` option for the `\documentclass` command. This option will, if the computer is attached to the Internet, search all available sources, generate a thesis statement (based upon the value of the `\title` macro), and the supporting arguments for that thesis. I anticipate a great deal of extra code will be necessary, so this feature will be an ongoing project.

³For the humour-impaired, if this thing is messed up, send me a detailed description of the error or improvement desired and I'll make something useful happen.

4 Implementation

4.1 Initial Code

All of these packages are in the standard distribution of L^AT_EX. I've included the `makeidx` so I can re-define `\printindex`. The `saving` boolean is defined here for use with the class options.

```
1 \RequirePackage{ifthen}
2 \RequirePackage{calc}
3 \RequirePackage{makeidx}
4 \newboolean{saving}
```

4.2 Declaration of Options

All of the options available to the `report` class are available in `york-thesis`.⁴ I have changed the default options (i.e., the option set executed where there are no explicitly declared options in the `\documentclass` macro. There are also two changes to the standard behaviour of two options: `draft` and `final`.

The default option list is: `letterpaper,10pt,oneside,onecolumn,draft,openany`

I have set the options up in a way that increases the number of options for typesetting the document.

If `draft` is declared *implicitly* (that is, neither `draft` or `final` is declared in the options list), then all text is set to single-spacing, graphics are drawn, and bad boxes are not marked.

If `draft` is declared *explicitly* (that is, `draft` is declared in the options list), then all text is set to single-spaced, graphics are not drawn (bounding boxes are drawn), and bad boxes are marked.

If `final` is declared, the text is set to double-space (as described in §2.3), one sided printing, and one column. If `final` is declared alone, what you get is acceptable by FGS for deposit.

```
5 \DeclareOption{draft}{\setboolean{saving}{true}}
6 \DeclareOption{final}{\setboolean{saving}{false}}
7 \PassOptionsToClass{letterpaper,12pt,oneside,%
8   onecolumn,final,openany}{report}}
9 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{report}}
10 \ExecuteOptions{draft}
```

⁴Do not use the `titlepage` and `abstract` environments from `report.cls`. The title page and the abstract are taken care of by the `makefrommatter` macro.

4.3 Execution of Options

```
11 \ProcessOptions
```

4.4 Package Loading

```
12 \LoadClass{report}
```

4.5 Main Code

4.5.1 Preliminary Matter

I need to re-define a number of standard macros and settings to get everything to come out exactly right. This is where that magic happens.

```
13 \let\oldquote\quote \let\oldendquote\endquote
14 \let\oldquotation\quotation \let\oldendquotation\endquotation
15 \let\oldverse\verse \let\oldendverse\endverse
16 \let\oldbibliography\bibliography
17 \let\oldendbibliography\endbibliography
18 \let\oldprintindex\printindex
```

The following are booleans along with their initial values

hasfigures This boolean sets whether a list of figures should be generated

```
19 \newboolean{hasfigures}\setboolean{hasfigures}{false}
```

hastables This boolean sets whether a list of tables should be generated

```
20 \newboolean{hastables}\setboolean{hastables}{false}
```

masters The **masters** boolean was taken from `dissertation.sty` with modification. If set true, you will need to specify which master's degree you are pursuing with the `\masterof` macro.

```
21 \newboolean{masters}\setboolean{masters}{false}
```

\spacing I redefine `\baselinestretch` and recompute `\baselineskip` lateral effect: set typeface to normal size roman

```
22 \newcommand{\spacing}[1]{\renewcommand{\baselinestretch}{#1}%
23 \large\normalsize}
```

\@removefromreset I define a command that can undo footnote reset between chapters (shamelessly lifted from `removefr.sty` by Donald Arseneau) and then do it.

```

24 \def\@removefromreset#1#2{\let\@tempb\@elt
25 \expandafter\let\expandafter\@tempa\csname c@#1\endcsname
26 \def\@elt##1{\expandafter\ifx\csname c@##1\endcsname\@tempa\else
27 \noexpand\@elt{##1}\fi}%
28 \expandafter\edef\csname cl@#2\endcsname{\csname cl@#2\endcsname}%
29 \let\@elt\@tempb}
30 \@removefromreset{footnote}{chapter}

```

`\resetfootnote` Here I undo the hideous `\@addtoreset` in `report.cls`

```

31 \def\resetfootnote{\setcounter{footnote}{0}}

```

`\footnotetext` Make footnotes single spaced, footnote continuation lines longer

```

32 \long\def\@footnotetext#1{%
33 \insert\footins{%
34 \def\baselinestretch {1}%
35 \reset@font\footnotesize
36 \interlinepenalty\interfootnotelinepenalty
37 \splittopskip\footnotesepp
38 \splitmaxdepth \dp\strutbox \floatingpenalty \@MM
39 \hsize\columnwidth
40 \@parboxrestore
41 \protected@edef\@currentlabel{%
42 \csname p@footnote\endcsname\@thefnmark}%
43 \color@begingroup
44 \makefntext{%
45 \rule\z@\footnotesepp\ignorespaces#1\@finalstrut\strutbox}%
46 \color@endgroup}}
47 \gdef\split@prev{0}
48 \let\pagefootnoterule\footnoterule
49 \let\mpfootnoterule\footnoterule
50 \def\splitfootnoterule{\kern-3\p@ \hrule \kern2.6\p@}
51 \def\footnoterule{\relax
52 \ifx \@listdepth\@mplistdepth
53 \mpfootnoterule
54 \else
55 \ifnum\split@prev=\z@
56 \pagefootnoterule
57 \else
58 \splitfootnoterule
59 \fi
60 \xdef\split@prev{\the\insertpenalties}%
61 \fi
62 }

```

`\appendix` Renew the `\appendix` command to deal with spacing in appendices correctly

```

63 \renewcommand\appendix{\par
64 \setcounter{chapter}{0}%
65 \setcounter{section}{0}%

```



```

66 \gdef\chapapp{\appendixname}%
67 \gdef\thechapter{\@Alph\c@chapter}
68 \ifthenelse{\boolean{saving}}{\spacing{1}}{\spacing{2}}

```

`\bibliography` Renew the `\bibliography` macro so that it puts in its own toc entry

```

69 \renewenvironment{bibliography}[1]%
70 {\addcontentsline{toc}{chapter}{Bibliography}\oldbibliography {#1}}%
71 {\oldendbibliography}

```

`\printindex` Renew the `\printindex` macro so that it puts in its own toc entry

```

72 \renewcommand{\printindex}{\newpage%
73 \addcontentsline{toc}{chapter}{Index}\oldprintindex}

```

`\hugeskip` Skip twice as much as the TeX command `\bigskip`

```

74 \def\hugeskip{\vskip 24pt plus 8pt minus 8pt}

```

`\ifdefined` Expand second argument if the command in the first argument is not defined

```

75 \def\ifdefined#1#2{\@ifundefined{#1}{}{#2}}

```

`\@makechapterhead` These macros are redefined here to use not-so-huge type and to provide chapters of form: N chaptername

```

76 \def\@makechapterhead#1{ \vspace*{50pt} { \parindent 0pt
77 \raggedright%
78 \ifnum \c@secnumdepth > \m@ne \Large\bf
79 \thechapter \hskip 1em \fi \Large \bf #1\par
80 \nobreak \vskip 40pt } }
81 \def\@makeschapterhead#1{ \vspace*{50pt} { \parindent 0pt \raggedright
82 \Large \bf #1\par
83 \nobreak \vskip 40pt }}

```

`\section` This section of code re-defines some standard stuff for sanity.

```

84 \renewcommand\section{\@startsection {section}{1}{\z@}%
85 \quad \quad \quad {-3.5ex \@plus -1ex \@minus -.2ex}%
86 \quad \quad \quad {2.3ex \@plus.2ex}%
87 \quad \quad \quad {\normalfont\large\bfseries}}
88 \renewcommand\subsection{\@startsection {subsection}{1}{\z@}%
89 \quad \quad \quad {-3.5ex \@plus -1ex \@minus -.2ex}%
90 \quad \quad \quad {2.3ex \@plus.2ex}%
91 \quad \quad \quad {\normalfont\normalsize\bfseries}}
92 \renewcommand\subsubsection{\@startsection {subsubsection}{1}{\z@}%
93 \quad \quad \quad {-3.5ex \@plus -1ex \@minus -.2ex}%
94 \quad \quad \quad {2.3ex \@plus.2ex}%
95 \quad \quad \quad {\normalfont\normalsize\bfseries}}

```

We rename the headings for the toc, lof, and the references.

```
96 \renewcommand\contentsname{Table of Contents}
97 \renewcommand\listfigurename{List of Figures}
98 \renewcommand\listtablename{List of Tables}
99 \renewcommand\bibname{Bibliography}
```

We modify the definitions for the various contents headers

```
100 \newcommand\contentsheader[2] { \addtocontents{#1} {
101   \centerline{\underline{#2}\protect\hfill%
102     \underline{Page}}}}
103 \renewcommand\tableofcontents { \chapter*{\contentsname}
104   \addcontentsline{toc}{chapter}{Table of Contents}
105   \@starttoc{toc}}
106 \renewcommand\listoffigures { \chapter*{\listfigurename}
107   \addcontentsline{toc}{chapter}{List of Figures}
108   \@starttoc{lof}}
109 \renewcommand\listoftables { \chapter*{\listtablename}
110   \addcontentsline{toc}{chapter}{List of Tables}
111   \@starttoc{lot}}
```

4.5.2 Margins and spacing

Rules taken from York FGS Guidelines for Theses and Dissertations

The style guide, for the final deposited version, requires 1.5in left and top margin and 1.0in right and bottom margins.

If `\boolean{saving}` is true, set for draft; otherwise, set for final

```
112 \ifthenelse{\boolean{saving}} {%
113   \setlength {\topmargin}{0.0in}
114   \setlength {\textheight}{\paperheight-2.5in}
115   \setlength {\oddsidemargin}{0.0in}
116   \setlength {\evensidemargin}{0.0in}
117   \setlength {\textwidth}{\paperwidth-2in}
118   \spacing{1}
119 } {%
120   \setlength {\topmargin}{0.65in}
121   \setlength {\textheight}{\paperheight-3.05in}
122   \setlength {\oddsidemargin}{0.6in}
123   \setlength {\evensidemargin}{0.1in}
124   \setlength {\textwidth}{\paperwidth-2.65in}
125   \setlength {\footskip}{0.3in}
126   \spacing{2}
```

quote

```
127 \renewenvironment{quote}{\oldquote\spacing{1}}%
```

```
128      {\oldendquote\spacing{2}}
```

quotation

```
129  \renewenvironment{quotation}{\oldquotation\spacing{1}}%
130      {\oldendquotation\spacing{2}}
```

verse

```
131  \renewenvironment{verse}{\oldverse\spacing{1}}%
132      {\oldendverse\spacing{2}}
```

Let's space the footnotes nicely and, since we have no headers, remove them from the page layout.

```
133 \setlength {\footnotesep}{14pt}
134 \setlength {\headheight}{0in}
135 \setlength {\headsep}{0in}
```

4.5.3 Commands to define parameters for the front matter

There are two kinds of commands that define parameters for the front matter: macros that provide info (like `\author` or `\abstractfile`) and booleans that set flags.

The following are the definitions of the macros that provide info (standard LaTeX commands like `\author` are omitted because they are already defined).

```
136 \def\department#1{\gdef\@department{#1}}
137 \def\masterof#1{\gdef\@masterof{#1}}
138 \def\abstractfile#1{\gdef\@abstractfile{#1}}
139 \def\dedicationfile#1{\gdef\@dedicationfile{#1}}
140 \def\acknowledgementsfile#1{\gdef\@acknowledgementsfile{#1}}
141 \def\prefacefile#1{\gdef\@prefacefile{#1}}
142 \def\abbreviationsfile#1{\gdef\@abbreviationsfile{#1}}
143 \def\committeememberslist#1{\gdef\@committeememberslist{#1}}
144 \def\degreename#1{\gdef\@degreename{#1}}
```

The following are the initial values for some macros that provide info.

```
145 \gdef\@author{YOUR FULL NAME} \gdef\@title{{\bf THE TITLE OF YOUR
146     WORK}} \gdef\@date{\number\year} \gdef\@department{PHILOSOPHY}
147 \gdef\@masterof{Arts} \gdef\@committeememberslist{%
148     \begin{enumerate}%
149     \item Joanne Examiner%
150     \item Fred P. Questioner%
151     \end{enumerate}}
152 \ifthenelse{\boolean{masters}}{\gdef\@degreename{MASTER}}%
153     {\gdef\@degreename{DOCTOR}}
```

4.5.4 Generate frontmatter

`\makefrontmatter` What we want is a single macro that will generate all of the frontmatter of the document, such as, the title page, abstract, authenticity page, table of contents, etc. Each page of the frontmatter is created by individual macros. This keeps things modular and tidy. Any sections of the frontmatter that are not declared are ignored.

```
154 \def\makefrontmatter{%
155   \pagestyle {empty}
156   \pagenumbering {roman}
157   \maketitlepage
158   \makecopyrightpage
159   \makeauthenticitypage
160   \ifdefined {@abstractfile}{\makeabstract}
161   \pagestyle {plain}
162   \ifdefined {@dedicationfile}{\makededication}
163   \ifdefined {@acknowledgementsfile}{\makeacknowledgements}
164   \tableofcontents
165   \ifthenelse{\boolean{hastables}}{\listoftables}{}
166   \ifthenelse{\boolean{hasfigures}}{\listoffigures}{}
167   \ifdefined{@prefacefile}{\makepreface}
168   \ifdefined{@abbreviationsfile}{\makeabbreviations}
169   \newpage
170   \pagenumbering {arabic}
171   \setcounter {page}{1}}
```

`\maketitlepage` The title page is standard. The guidelines require uppercase throughout, so I have forced this wherever necessary.

```
172 \def\maketitlepage{
173   \vspace*{.85in}
174   \begin{center}
175     \spacing{1}
176     \textbf{\MakeUppercase{\@title}}
177     \hugeskip
178     \hugeskip
179     \hugeskip
180     {\bigskip \MakeUppercase{\@author}}
181   \end{center}
182   \hugeskip \hugeskip \hugeskip \hugeskip \hugeskip \hugeskip
183   {\spacing{1}
184     \begin{center}
185       \ifmasters A THESIS \else A DISSERTATION \fi
186       SUBMITTED TO THE FACULTY OF GRADUATE STUDIES \\\
187       IN PARTIAL FULFILMENT OF THE REQUIREMENTS \\\
188       FOR THE DEGREE OF \\\
189       \hugeskip \hugeskip \hugeskip
190       \ifmasters \MakeUppercase{\@degreename} OF
191       \MakeUppercase{\@masterof}
192       \else
193       \MakeUppercase{\@degreename} OF PHILOSOPHY \fi \\\
```

```

194     \hugeskip \hugeskip
195     GRADUATE PROGRAM IN \MakeUppercase{\@department} \\
196     YORK UNIVERSITY \\
197     TORONTO, ONTARIO \\
198     \MakeUppercase{\@date}
199   \end{center}}
200 \newpage }

```

`\copyrightpage` The copyright page has to be centred both left and right and up and down *between the margins*. Not hard to do but a little bit of a pain to make come out just right.

The author might be using the department generated copyright pages, but I have no idea if this is still a common practice. So, the copyright page is always generated.

```

201 \def\makecopyrightpage{%
202   \begin{center}
203     \setlength{\fboxrule}{.004in} \setlength{\fboxsep}{2cm}
204     \mbox{}
205     \par\vspace*{\stretch{1}}
206     \fbox{\parbox{4in}{%
207       \spacing{1}
208       \begin{center}
209         \textbf{\MakeUppercase{\@title}}
210       \end{center} by
211       \textbf{\@author}
212
213       \bigskip
214       a \ifmasters thesis \else dissertation \fi submitted to the
215       Faculty of Graduate Studies of York University in partial
216       fulfilment of the requirements for the degree of
217       \begin{center}
218         \ifmasters \textbf{\MakeUppercase{\@degree} OF
219           \MakeUppercase{\@masterof}}
220         \else
221         \textbf{\MakeUppercase{\@degree} OF PHILOSOPHY} \fi \\
222         $\copyright$\ \number\year \\
223       \end{center}
224
225       Permission has been granted to: a) YORK UNIVERSITY LIBRARIES
226       to lend or sell copies of this dissertation in paper,
227       microform or electronic formats, and b) LIBRARY AND ARCHIVES
228       CANADA to reproduce, lend, distribute, or sell copies of this
229       \ifmasters thesis \else dissertation \fi anywhere in the world
230       in microform, paper or electronic formats \textit{and} to
231       authorise or procure the reproduction, loan, distribution or
232       sale of copies of this \ifmasters thesis \else dissertation
233       \fi anywhere in the world in microform, paper or electronic
234       formats.
235
236       \bigskip The author reserves other publication rights, and
237       neither the \ifmasters thesis \else dissertation \fi nor
238       extensive extracts for it may be printed or otherwise

```

```

239     reproduced without the author's written permission.}}
240   \vspace*{\stretch{1}}
241 \end{center}
242 \newpage}

```

`\makeauthenticitypage` This page is used in lieu of a Certificate page when the thesis or dissertation is being deposited electronically. Now that we can do this, I have no idea why anyone *wouldn't* submit electronically. As such, we will always have an authenticity page. If you don't like it, throw it away and stick a certificate page in.

```

243 \def\makeauthenticitypage{%
244   \par\vfill
245   {\spacing{1}
246     \begin{center}
247       \textbf{\MakeUppercase{\@title}} \hugeskip\hugeskip by
248       \textbf{\@author}
249     \end{center}
250     \hugeskip\noindent By virtue of submitting this document
251     electronically, the author certifies that this is a true
252     electronic equivalent of the copy of the \ifmasters thesis \else
253     dissertation \fi approved by York University for the award of
254     the degree. No alteration of the content has occurred and if
255     there are any minor variations in formatting, they are as a
256     result of the coversion to Adobe Acrobat format (or similar
257     software application). \hugeskip
258     \begin{flushright}
259       \begin{minipage}[t]{4in}
260         Examination Committee Members: \@committeememberslist
261       \end{minipage}
262     \end{flushright}}

```

`\makeabstract` The abstract page is pretty standard. It sets up a toc entry, starts a new chapter, and forces a non-indented first paragraph.

```

263 \def\makeabstract{%
264   \chapter*{Abstract}
265   \addcontentsline {toc}{chapter}{Abstract}
266   \noindent
267   \@input{\@abstractfile}}

```

`\makededication` The dedication page is pretty simple. It just sets whatever is in your dedication.tex file.

```

268 \def\makededication{%
269   %\chapter*{Abstract}
270   %\addcontentsline {toc}{chapter}{Abstract}
271   %\noindent
272   \newpage
273   \@input{\@dedicationfile}}

```

`\makepreface` We need to include the preface file, if specified

```
274 \def\makepreface{%
275   \chapter*{Preface}
276   \addcontentsline {toc}{chapter}{Preface}
277   \noindent
278   \@input{\@prefacefile}}
```

`\makeabbreviations` This page will probably be rarely used. If you have a lot of references from one or two authors, sometimes it is clearer to use an abbreviation rather than the sometimes cryptic in-line citation. This is the page where you provide the legend.

I have found this particularly useful in conjunction with `natbib`'s `\citepalias` and `\citetalias` macros.

```
279 \def\makeabbreviations{%
280   \chapter*{Abbreviations}
281   \addcontentsline{toc}{chapter}{Abbreviations}
282   \noindent
283   \@input{\@abbreviationsfile}}
```

`\makeacknowledgements`

```
284 \def\makeacknowledgements{%
285   \chapter*{Acknowledgements}
286   \addcontentsline{toc}{chapter}{Acknowledgements}
287   \noindent
288   \@input{\@acknowledgementsfile}}
```

4.5.5 Other new commands and environments

`epigraphs` Constructed with stolen code from `epigraph.sty` by Peter Wilson (pandgwilson at earthlink dot net)

`\epigraph`

This is simple: `\epigraph` macros go in an `epigraphs` environment

```
289 \newlength{\epigraphwidth}\setlength{\epigraphwidth}{.8\columnwidth}
290 \newlength{\epigraphrule}\setlength{\epigraphrule}{.4\p@}
291 \newcommand{\@epirule}{\rule[.5ex]{\epigraphwidth}{\epigraphrule}}
292 \newcommand{\epigraph}[2]%
293   {\item #1\vspace{-12pt}\begin{flushright}#2\end{flushright}}
294 \newcommand{\epigraphlabel}[1]{\hfill}
295 \newenvironment{epigraphs}{%
296   \begin{flushright}
297     \begin{minipage}{\epigraphwidth}
298       \list{}%
299     {\itemindent\z@ \labelwidth\z@ \labelsep\z@
300      \leftmargin\z@ \rightmargin\z@
301      \let\makelabel\epigraphlabel}}%
```

```

302 {\endlist\vspace{-18pt}\@epirule\vspace{24pt}\end{minipage}\end{flushright}}
303 \let\oldepigraphs\epigraphs \let\oldendepigraphs\endepigraphs
304 \ifthenelse{\boolean{saving}}{\}{-%
305 \renewenvironment{epigraphs}{\oldepigraphs\spacing{1}}%
306     {\oldendepigraphs\spacing{2}}
307 }

```

fquote The `fquote` environment corrects for line spacing and indentation when used inside a `\footnote`.

```

308 \newenvironment{fquote}%
309     {\oldquote\footnotesize}%
310     {\oldendquote\normalsize}

```

fquotation The `fquotation` environment corrects for line spacing and indentation when used inside a `\footnote`.

```

311 \newenvironment{fquotation}{\oldquotation\footnotesize}%
312     {\oldendquotation\normalsize}

```

fverse The `fverse` environment corrects for line spacing and indentation when used inside a `\footnote`.

```

313 \newenvironment{fverse}{\oldverse\footnotesize}%
314     {\oldendverse\normalsize}

```

\threestars The `threestars` macro gives a centred set of three asterisks for use at the end of a section near the end of a chapter so that a new ‘concluding’ section need not be used.

```

315 \newcommand{\threestars}{\begin{center}%
316     * \hspace{.5in} * \hspace{.5in} * \hspace{.5in} \end{center}}

```

Change History

v1.0	General: Set up for distribution to others	1	<code>\makefrontmatter</code> : added a TOC entry for the Table of Contents	12
v1.1	General: added <code>final</code> and <code>draft</code> options in <code>documentclass</code> macro. . .	6	<code>quotation</code> : changed <code>quotation</code> environment for single spacing in <code>final</code>	11
	Various housekeeping functions . . .	1	<code>quote</code> : changed <code>quote</code> environment for single spacing in <code>final</code>	10
	<code>verse</code> : changed <code>verse</code> environment for single spacing in <code>final</code>	11	v1.5	
	<code>\footnotetext</code> : made footnote spacing single spaced in <code>final</code> . .	8	<code>\@makechapterhead</code> : Changed appearance of chapter titles: removed <code>chaptername</code> and placed	

	the section number on the same line as the label (suggested by Dave Makalsky)	9		it is set as the default. Other type sizes must be explicitly declared.	6
v2.0	<code>\makepreface</code> : Added prefacefile support	15		removed the boolean <code>authenticitypage</code> ; the authenticity page is now always generated	7
	<code>fquotation</code> : Added <code>fverse</code> environment for footnotes	16		<code>\epigraph</code> : Set <code>epigraphwidth</code> to .8 of the <code>columnwidth</code> rather than the <code>textwidth</code>	15
	<code>fquote</code> : Added <code>fquote</code> environment for footnotes	16	v3.1	<code>\epigraph</code> : Make <code>epigraphs</code> environment single-spaced in all output modes.	15
	<code>fverse</code> : Added <code>fverse</code> environment for footnotes	16		<code>\threestars</code> : Added <code>threestars</code> macro	16
v2.5	General: added <code>degreename</code> , <code>committeememberslist</code>	11	v3.2	General: Added the <code>dedicationfile</code> macro.	4
	added the boolean <code>authenticitypage</code>	7		<code>\makededication</code> : Added the <code>makededication</code> and <code>dedicationfile</code> macro.	14
	Extensive changes to comply with the new Spring 2005 FGS Thesis and Dissertation Guidelines	1	v3.3	<code>\maketitlepage</code> : removed the tabular environment from around the title macro. I still have the problem of not being able to force a line break inside the title macro.	12
v3.0	General: changed the fashion in which options are processed so that <code>report.cls</code> correctly gets the draft and final options.	6	v3.4	<code>\footnotetext</code> : stole code from <code>footmisc</code> to lengthen footnote continuation lines	8
	Converted all code to literate programming; corrected innumerable minor errors	1			
	FGS guidelines allow for 10pt, 11pt, and 12pt type now. I no longer enforce 12pt; however,				

A The york-thesis-Template.tex File

This is a listing of a sample master document for your thesis or dissertation. I recommend placing chapters and appendices in separate files (like I force you to do for your abstract, preface, acknowledgements, and abbreviations). This makes everything more manageable from an editor point of view (you are scrolling through thousands of lines) and makes typesetting parts of the document much easier.

```
%%
%% Copyright (C) 2005 by Norm Gall <gall@spookyhill.net>
%%
%% This file may be distributed and/or modified under the conditions of
%% the LaTeX Project Public License, either version 1.3 of this license
%% or (at your option) any later version. The latest version of this
%% license is in:
%%
%% http://www.latex-project.org/lppl.txt
%%
%% and version 1.3 or later is part of all distributions of LaTeX version
%% 2003/06/01 or later.
%%
%
% York University FGS thesis/dissertation template
% for use with york-thesis.cls (v3.0)
%
% You really should read the documentation for the class file
% (york-thesis.pdf) to see what all of the additional macros and
% booleans do. As well, many of the macros you are used to using
% behave differently in this class.
%
% You may, of course, remove all comments from your document.
%
\documentclass[draft]{york-thesis}

%===== citation setup =====
\usepackage[authoryear,sort]{natbib} % I use natbib, but you can use
% any citation format; the class file
% is agnostic about citation styles.
\bibpunct[, ]{({})}{,}{a}{}{,} % This line configures natbib to use
% CMOs in-line citation style

%===== package setup =====
\setboolean{masters}{true} % set true for a Master's thesis;
% false for a PhD dissertation
\setboolean{hasfigures}{false} % set true if you have figures
\setboolean{hastables}{false} % set true if you have tables

\title{The title} % this is the full title of your work
\author{I. M. N. Author} % this is your name exactly as you want it
% to appear everywhere in your work.
\department{Department} % this is the name of the programme in which
% you are attempting your degree
\masterof{Arts} % this is the type of Master's degree you
% are attempting. If the boolean masters is
% false, this has no effect.
\degree{Magisteriate} % put the actual name of the degree you are
% attempting
\date{September 1995} % this is the month and year of defence
```

```

%===== preliminary matter =====
%
% Create these in separate files; trust me
%
% If you do not have one or more of these commands in your document,
% simply delete the line.
%
% The following macros need appear in no particular order, but if you
% are going to use them, they have to be defined before you begin your
% document environment.
%
\abstractfile{abstract.tex}
\dedicationfile{dedication.tex}
\acknowledgementsfile{acknowledgements.tex}
\prefacefile{preface.tex}
\abbreviationsfile{abbreviations.tex}
%
% Your committee members list has to be an enumerated list.
%
\committeememberslist{
  \begin{enumerate}
    \item First Examiner
    \item Second Examiner
    \item Third Examiner
    \item Fourth Examiner
    \item Fifth Examiner
    \item Sixth Examiner
  \end{enumerate}}

%===== document begins =====
%
\begin{document}

\makefrontmatter

%
% the include commands for chapters go here
%

%\include{chapter-1}
%\include{chapter-2}
%\include{chapter-3}
%\include{chapter-4}
%\include{chapter-5}

%\appendix
%\include{appendix-a}
%\include{appendix-b}
%\include{appendix-c}

\spacing{1}
\bibliographystyle{plainnat} % the class file is agnostic as to which
% bibliographic style you prefer. You
% should be able to use any style that
% conforms to what you want to see in the
% bibliography
\bibliography{thesis} % you do not have to use BibTeX to construct
% your bibliography; you can do it here by hand
% just as you would in any other document, if
% you wish.

\end{document}

```

`\end`