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

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*This document corresponds to york-thesis v3.6, dated 2011/06/13.

†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.

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

your personal `texmf` tree, wherever that is. For MacOS X users, this location is in `Library/texmf/tex/latex/` in your home folder.

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 letter-paper,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
\section is, smaller. The chapter type size is slightly larger than that for the others (`\Large`
\subsection rather than `\Huge`), but the others are now simply `\large`, save `\paragraph`,
\subsubsection which is `\normalsize`. Additionally, the chapter command gives you a chapter
\paragraph 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

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

treated exactly the same as a normal chapter.

quote I have made a command decision regarding these environments. The guidelines
quotation allow for single spacing these in the submission copy and I think it just looks
verse 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.

\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

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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.

`\dedicationfile`   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.

`\acknowledgementsfile`   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.

`\prefacefile`   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.

`\abbreviationsfile`   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

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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 These environments are redefinitions of the corresponding environments for use
fquotation inside footnotes. They properly set the text size to `\footnotesize` and control
fverse 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

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[3]For 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.

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.

4   Implementation

4.1   Initial Code

All of these packages are in the standard distribution of LaTeX. 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 type-setting 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.

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

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}
```

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

10

```
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 verrsion, 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   \pagestyle {empty}  \makecopyrightpage
159   \pagestyle {empty}  \makeauthenticitypage
160   \setcounter {page} {3}
161   \@ifdefined {@abstractfile}{\makeabstract}
162   \pagestyle {fancy}
163   \@ifdefined {@dedicationfile}{\makededication}
164   \@ifdefined {@acknowledgementsfile}{\makeacknowledgements}
165   \tableofcontents
166   \ifthenelse{\boolean{hastables}}{\listoftables}{}
167   \ifthenelse{\boolean{hasfigures}}{\listoffigures}{}
168   \@ifdefined{@prefacefile}{\makepreface}
169   \@ifdefined{@abbreviationsfile}{\makeabbreviations}
170   \newpage
171   \pagenumbering {arabic}
172   \setcounter {page}{1}}
```

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

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

```
189        FOR THE DEGREE OF \\
190        \hugeskip \hugeskip \hugeskip
191        \ifmasters \MakeUppercase{\@degreename} OF
192        \MakeUppercase{\@masterof}
193        \else
194        \MakeUppercase{\@degreename} OF PHILOSOPHY \fi \\
195        \hugeskip \hugeskip
196        GRADUATE PROGRAM IN \MakeUppercase{\@department} \\
197        YORK UNIVERSITY \\
198        TORONTO, ONTARIO \\
199        \MakeUppercase{\@date}
200      \end{center}}
201    \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.

```
202 \def\makecopyrightpage{%
203    \begin{center}
204      \setlength{\fboxrule}{.004in} \setlength{\fboxsep}{2cm}
205      \mbox{}
206      \par\vspace*{\stretch{1}}
207      \fbox{\parbox{4in}{%
208        \spacing{1}
209        \begin{center}
210          \textbf{\MakeUppercase{\@title}}
211        \end{center} by
212        \textbf{\@author}
213
214        \bigskip
215        a \ifmasters thesis \else dissertation \fi submitted to the
216        Faculty of Graduate Studies of York University in partial
217        fulfilment of the requirements for the degree of
218        \begin{center}
219          \ifmasters \textbf{\MakeUppercase{\@degreename} OF
220            \MakeUppercase{\@masterof}}
221          \else
222            \textbf{\MakeUppercase{\@degreename} OF PHILOSOPHY} \fi \\
223                    $\copyright$\ \number\year \\
224        \end{center}
225
226        Permission has been granted to: a) YORK UNIVERSITY LIBRARIES
227        to lend or sell copies of this dissertation in paper,
228        microform or electronic formats, and b) LIBRARY AND ARCHIVES
229        CANADA to reproduce, lend, distribute, or sell copies of this
```

```
230        \ifmasters thesis \else dissertation \fi anywhere in the world
231        in microform, paper or electronic formats \textit{and} to
232        authorise or procure the reproduction, loan, distribution or
233        sale of copies of this \ifmasters thesis \else dissertation
234        \fi anywhere in the world in microform, paper or electronic
235        formats.
236
237        \bigskip The author reserves other publication rights, and
238        neither the \ifmasters thesis \else dissertation \fi nor
239        extensive extracts for it may be printed or otherwise
240        reproduced without the author's written permission.}}
241    \vspace*{\stretch{1}}
242 \end{center}
243 \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.

```
244 \def\makeauthenticitypage{%
245    \par\vfill
246    {\spacing{1}
247      \begin{center}
248        \textbf{\MakeUppercase{\@title}} \hugeskip\hugeskip by
249        \textbf{\@author}
250      \end{center}
251      \hugeskip\noindent By virtue of submitting this document
252      electronically, the author certifies that this is a true
253      electronic equivalent of the copy of the \ifmasters thesis \else
254      dissertation \fi approved by York University for the award of
255      the degree. No alteration of the content has occurred and if
256      there are any minor variations in formatting, they are as a
257      result of the coversion to Adobe Acrobat format (or similar
258      software application).   \hugeskip
259      \begin{flushright}
260        \begin{minipage}[t]{4in}
261          Examination Committee Members: \@committeememberslist
262        \end{minipage}
263      \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.

```
264 \def\makeabstract{%
265    \chapter*{Abstract}
266    \addcontentsline {toc}{chapter}{Abstract}
```

```
267    \noindent
268    \@input{\@abstractfile}}
```

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

```
269 \def\makededication{%
270    \newpage
271    \@input{\@dedicationfile}}
```

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

```
272 \def\makepreface{%
273    \chapter*{Preface}
274    \addcontentsline {toc}{chapter}{Preface}
275    \noindent
276    \@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.

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

\makeacknowledgements

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

4.5.5   Other new commands and environments

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

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

```
287 \newlength{\epigraphwidth}\setlength{\epigraphwidth}{.8\columnwidth}
288 \newlength{\epigraphrule}\setlength{\epigraphrule}{.4\p@}
289 \newcommand{\@epirule}{\rule[.5ex]{\epigraphwidth}{\epigraphrule}}
290 \newcommand{\epigraph}[2]%
291   {\item #1\vspace{-12pt}\begin{flushright}#2\end{flushright}}
292 \newcommand{\epigraphlabel}[1]{\hfill}
293 \newenvironment{epigraphs}{%
294     \begin{flushright}
295       \begin{minipage}{\epigraphwidth}
296         \list{}%
297      {\itemindent\z@ \labelwidth\z@ \labelsep\z@
298       \leftmargin\z@ \rightmargin\z@
299       \let\makelabel\epigraphlabel}}%
300   {\endlist\vspace{-18pt}\@epirule\vspace{24pt}\end{minipage}\end{flushright}}
301 \let\oldepigraphs\epigraphs \let\oldendepigraphs\endepigraphs
302 \ifthenelse{\boolean{saving}}{}{%
303   \renewenvironment{epigraphs}{\oldepigraphs\spacing{1}}%
304       {\oldendepigraphs\spacing{2}}
305 }
```

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

```
306 \newenvironment{fquote}%
307   {\oldquote\footnotesize}%
308   {\oldendquote\normalsize}
```

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

```
309 \newenvironment{fquotation}{\oldquotation\footnotesize}%
310       {\oldendquotation\normalsize}
```

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

```
311 \newenvironment{fverse}{\oldverse\footnotesize}%
312       {\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.

```
313 \newcommand{\threestars}{\begin{center}%
314   *\hspace{.5in}*\hspace{.5in}*\hspace{.5in}\end{center}}
```

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) 2010 by Diane 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 (v3.3)
%
% 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}

%========== header/footer set-up ================

\usepackage{fancyhdr}
\lhead{}
\chead{}
\rhead{}
\lfoot{}
\cfoot{\thepage}
\rfoot{}
\renewcommand{\headrulewidth}{0pt}
\renewcommand{\footrulewidth}{0pt}
\renewcommand\headheight{24pt}

%========== 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 of 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.
\degreename{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
```