

The mines-thesis class *

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Abstract

This package provides a class for graduate students at Colorado School of Mines to prepare their theses and dissertations.

Contents

*This document corresponds to mines-thesis v1.0, dated 2020/01/10.

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1 User's guide

1.1 Installation

1.2 Invocation and options

`\documentclass` The mines-thesis class is invoked in the standard fashion.

```
\documentclass[options]{mines-thesis}
```

There are several options corresponding to the type of the document and its general appearance. They are described below. Generally speaking, the options have **key=value** forms, for example,

```
\documentclass[screen=true, review=false]{mines-thesis}
```

The default options are `letterpaper,10pt. TODO review? oneseide? onecol-umn,draft,openany`

1.3 Preprogrammed Formats

```
\chapter
\section
\subsection
\subsubsection
\paragraph
\title
\author
\department
\date
```

`\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.

```

1  \def\makefrontmatter{%
2    \pagestyle {empty}
3    \pagenumbering {roman}
4    \maketitlepage
5    \pagestyle {empty} \makecopyrightpage
6    \pagestyle {empty} \makeauthenticitypage
7    \setcounter {page} {3}
8    \@ifdefined {abstractfile}{\makeabstract}
9    \pagestyle {fancy}
10   \@ifdefined {dedicationfile}{\makededication}
11   \@ifdefined {acknowledgementsfile}{\makeacknowledgements}
12   \tableofcontents
13   \ifthenelse{\boolean{hastables}}{\listoftables}{}
14   \ifthenelse{\boolean{hasfigures}}{\listoffigures}{}
15   \@ifdefined{prefacefile}{\makepreface}
16   \@ifdefined{abbreviationsfile}{\makeabbreviations}
17   \newpage
18   \pagenumbering {arabic}
19   \setcounter {page}{1}}
20

```

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

```

21  \def\maketitlepage{
22    \vspace*{.85in}
23    \begin{center}
24      \spacing{1}
25      \textbf{\MakeUppercase{\@title}}
26      \hugeskip
27      \hugeskip
28      \hugeskip
29      {\bigskip \MakeUppercase{\@author}}
30    \end{center}
31    \hugeskip \hugeskip \hugeskip \hugeskip \hugeskip \hugeskip
32    {\spacing{1}
33      \begin{center}
34        \ifmasters A THESIS \else A DISSERTATION \fi
35        SUBMITTED TO THE FACULTY OF GRADUATE STUDIES \\\
36        IN PARTIAL FULFILMENT OF THE REQUIREMENTS \\\
37        FOR THE DEGREE OF \\\
38        \hugeskip \hugeskip \hugeskip
39        \ifmasters \MakeUppercase{\@degree} OF
40        \MakeUppercase{\@masterof}
41        \else

```

```

42      \MakeUppercase{\@degreename} OF PHILOSOPHY \fi \\
43      \hugeskip \hugeskip
44      GRADUATE PROGRAM IN \MakeUppercase{\@department} \\
45      YORK UNIVERSITY \\
46      TORONTO, ONTARIO \\
47      \MakeUppercase{\@date}
48      \end{center}}
49      \newpage }
50

```