

Using Chicago Manual of Style with LaTeX

1 Create a New LaTeX File

Create a new LaTeX file (e.g., `essay.tex`).

2 Specify the Document Class and Input Encoding

```
\documentclass{article}
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}
```

3 Load Font and Font-Related Packages

```
\usepackage{fontspec}
\usepackage{lmodern}
\setmainfont{Times New Roman}
```

4 Include Packages for Hyperlinks, Spacing, and Headers

```
\usepackage{hyperref}
\usepackage{setspace}
\usepackage{fancyhdr}
```

5 Configure Page Layout and Font Size

```
\usepackage[margin=1in]{geometry}
\usepackage[12pt]{moresize}
```

6 Set Up the Bibliography for Chicago Notes and Bibliography Style

This configuration uses the Chicago style with notes (footnote citations) and a formatted bibliography.

```
\usepackage[notes,backend=biber,short]{biblatex-chicago}
\addbibresource{references.bib}
```

7 Enable Double Spacing

```
\doublespacing
```

8 Define Custom Commands for the Name Block and Essay Title

```
\newcommand{\nameblock}[4][\today]{%  
    \noindent #2 \\  
    #3 \\  
    #4 \\  
    #1  
}  
  
\newcommand{\essaytitle}[1]{%  
    \begin{center}  
        {\normalsize \textbf{#1}}  
    \end{center}  
}
```

9 Set Up the Header to Display the Page Number on the Right

```
\pagestyle{fancy}  
\fancyhf{}  
\fancyhead[R]{\thepage}  
\renewcommand{\headrulewidth}{0pt}
```

10 Begin the Document and Insert Content

```
\begin{document}  
  
\nameblock{Your Name}{Course Info}{Instructor Name}  
  
\essaytitle{Your Essay Title}  
  
% Your essay content here using \autocite for citations
```

11 Citing Sources in Your Document

Use the `\autocite` command to automatically generate Chicago-style footnotes for your citations. The first citation provides a full reference, and subsequent citations use a shortened format if the `short` option is enabled.

Example:

```
World War I had lasting impacts on Germany\autocite{GermanHistoryVersailles}.
```

Another example:

```
Otto Dix depicted war as overwhelming destruction\autocite{UMMAArtilleryBattle}.
```

12 Print the Bibliography and Close the Document

```
\clearpage  
  
\pagenumbering{gobble}  
  
\renewcommand{\bibfont}{\setstretch{1}}  
  
\printbibliography  
  
\end{document}
```

13 Compile the Document

To compile your document using XeLaTeX and Biber, follow these steps:

1. Run XeLaTeX on your document:

```
xelatex essay.tex
```

2. Process the bibliography with Biber:

```
biber essay
```

3. Run XeLaTeX again to update references:

```
xelatex essay.tex
```

4. Run XeLaTeX one more time to ensure all citations are correctly updated:

```
xelatex essay.tex
```

Combined command example:

```
xelatex essay.tex && biber essay && xelatex essay.tex && xelatex essay.tex
```

14 Example Bibliography Entries

Below are sample entries for the references.bib file:

```
@online{UMMAArtilleryBattle,
  author      = {University of Michigan Museum of Art},
  title       = {Artillery Battle (Artillerieschlacht)},
  shortauthor = {UMMA},
  shorttitle  = {Artillery Battle},
  year        = {1917},
  url         = {https://umma.umich.edu/objects/artillery-battle-
    artillerieschlacht-1967-1-41/},
  urldate     = {2025-02-10},
}

@online{UMMAHunger,
  author      = {University of Michigan Museum of Art},
  title       = {Hunger},
  shortauthor = {UMMA},
  shorttitle  = {Hunger},
  year        = {1924},
  url         = {https://umma.umich.edu/objects/hunger-1957-1-105/},
  urldate     = {2025-02-10},
}

@misc{Hartlaub1925,
  author      = {Gustav Friedrich Hartlaub},
  title       = {Introduction to the \textit{Neue Sachlichkeit} Exhibition
    Catalogue},
  shortauthor = {Hartlaub},
  shorttitle  = {Neue Sachlichkeit},
  howpublished = {Exhibition catalog, Kunsthalle Mannheim},
  year        = {1925},
}

@book{Plumb2006,
  author      = {Steve Plumb},
  title       = {{\textit{Neue Sachlichkeit} 1918--33: Unity and Diversity of an
    Art Movement}},
  shortauthor = {Plumb},
  shorttitle  = {Neue Sachlichkeit 1918--33},
  publisher   = {Rodopi},
  address     = {Amsterdam},
  year        = {2006},
}

@online{GermanHistoryVersailles,
  author      = {German History in Documents and Images},
  title       = {Treaty of Versailles and its Economic Impact},
  shortauthor = {GHDI},
  shorttitle  = {Versailles Economic Impact},
  year        = {1919},
  url         = {https://ghdi.ghi-dc.org/pdf/eng/DEST_SOLMITZ_ENG.pdf},
  urldate     = {2025-02-10},
}
```

15 compile.zsh Script to Automate Compiling

Below is an example shell script to automate the compiling process:

```
echo "-----" | tee compile.log
echo "xelatex essay.tex" | tee -a compile.log
echo "-----" | tee -a compile.log
xelatex -interaction=nonstopmode -file-line-error essay.tex 2>&1 | tee -a compile.
log

echo "-----" | tee -a compile.log
echo "biber essay" | tee -a compile.log
echo "-----" | tee -a compile.log
biber essay 2>&1 | tee -a compile.log

echo "-----" | tee -a compile.log
echo "xelatex essay.tex" | tee -a compile.log
echo "-----" | tee -a compile.log
xelatex -interaction=nonstopmode -file-line-error essay.tex 2>&1 | tee -a compile.
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xelatex -interaction=nonstopmode -file-line-error essay.tex 2>&1 | tee -a compile.
log
```