



**AFIT/ENP THESIS PRIMER:
A DOCUMENT IN \LaTeX**

THESIS

Amy L. Magnus, Maj (ret), USAF
AFIT/GAP/ENP/10-??

**DEPARTMENT OF THE AIR FORCE
AIR UNIVERSITY**

AIR FORCE INSTITUTE OF TECHNOLOGY

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AFIT/ENP THESIS PRIMER:
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THESIS

Presented to the Faculty
Department of Engineering Physics
Graduate School of Engineering and Management
Air Force Institute of Technology
Air University
Air Education and Training Command
in Partial Fulfillment of the Requirements for the
Degree of Master of Science in Applied Physics

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THESIS

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Committee Membership:

Dr. I. M. Smart
Chairman

Dr. M. E. Too
Member

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Member

Abstract

This primer aids the AFIT student in generating the first draft of their thesis using \LaTeX . The primer is produced according the tenets described within the document. All source code is provided in a zip file posted to L:\Courses\PHYS\LaTeX. The file structure of this zip file demonstrates a practical way to organize a thesis with its supporting materials and—further—illustrates how your document can be produced with version control.

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I. Preliminary Results

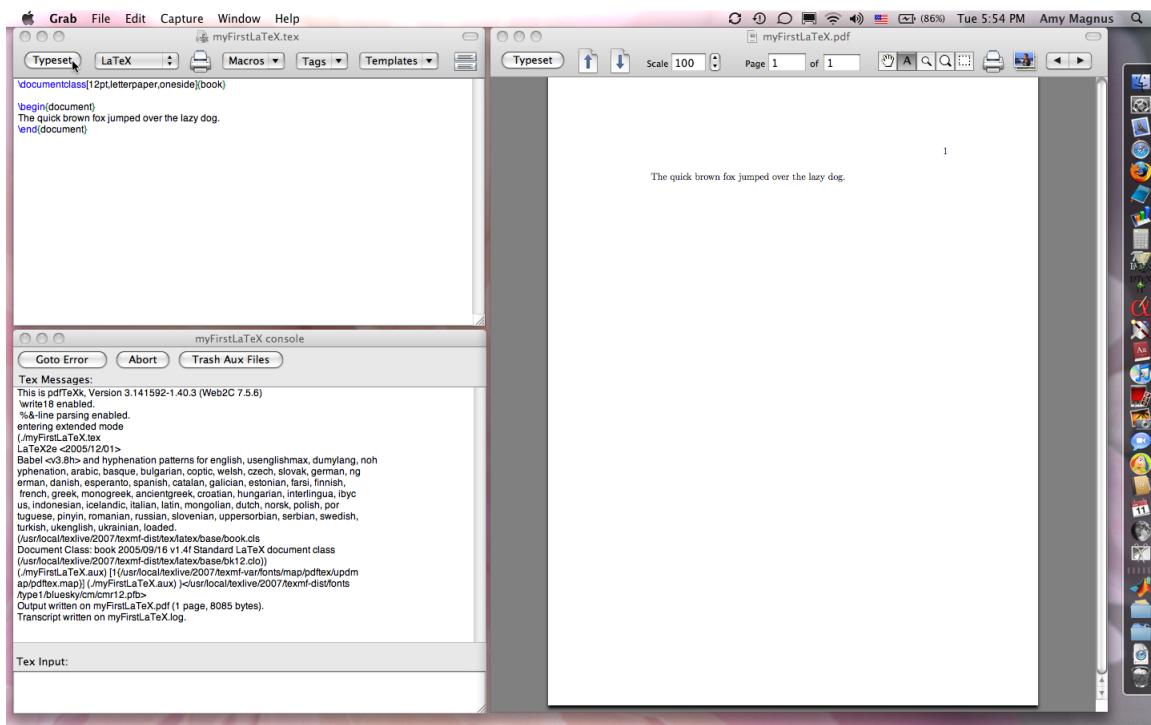


Figure 1. Compile a very simple document.

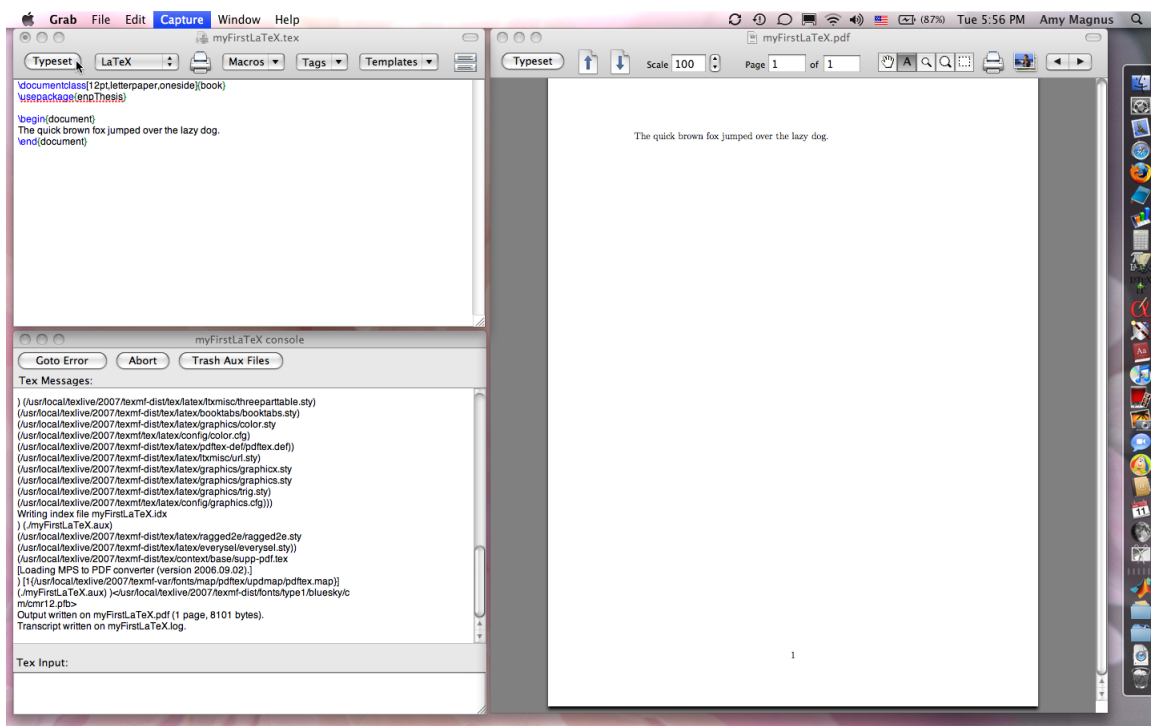


Figure 2. Recompile using afitThesis.sty, the AFIT thesis style file.


```

1  %% Customize your document with your personal information
2  %% First, comment out the appropriate document type
3  \afithesis %%default
4  % \afitreport
5  % \dissertation
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7
8  \author{Amy L. Magnus}
9  \rank{Maj (ret), USAF} % If a civilian, comment out this line.
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11 \docdesignator{AFIT/GAP/ENP/10-??}
12 \department{Department of Engineering Physics}
13 \graduationdate{\today}
14
15 \flytitle{AFIT/ENP THESIS PRIMER: A DOCUMENT IN \LaTeX}
16 \title{\MakeUppercase{AFIT/ENP Thesis Primer:}
17       \MakeUppercase{ a document in \LaTeX}}
18       % Note, if you use \MakeUppercase to put
19       % the title in all uppercase as the style
20       % guide demands, understand that the
21       % command does not allow page breaks ""
22       % within its brackets.
23 \previousdegrees{B.S.E.E., M.S.E.E., PhD}
24 \acdegree{Master of Science in Applied Physics}
25
26 \committee{{Dr. I. M. Smart\Chair},
27            {Dr. M. E. Too\Member},
28            {Maj S. D. Sharp, PhD\Member}}
29
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Figure 3. Enter student data in titlePage.tex to customize the document's first pages.

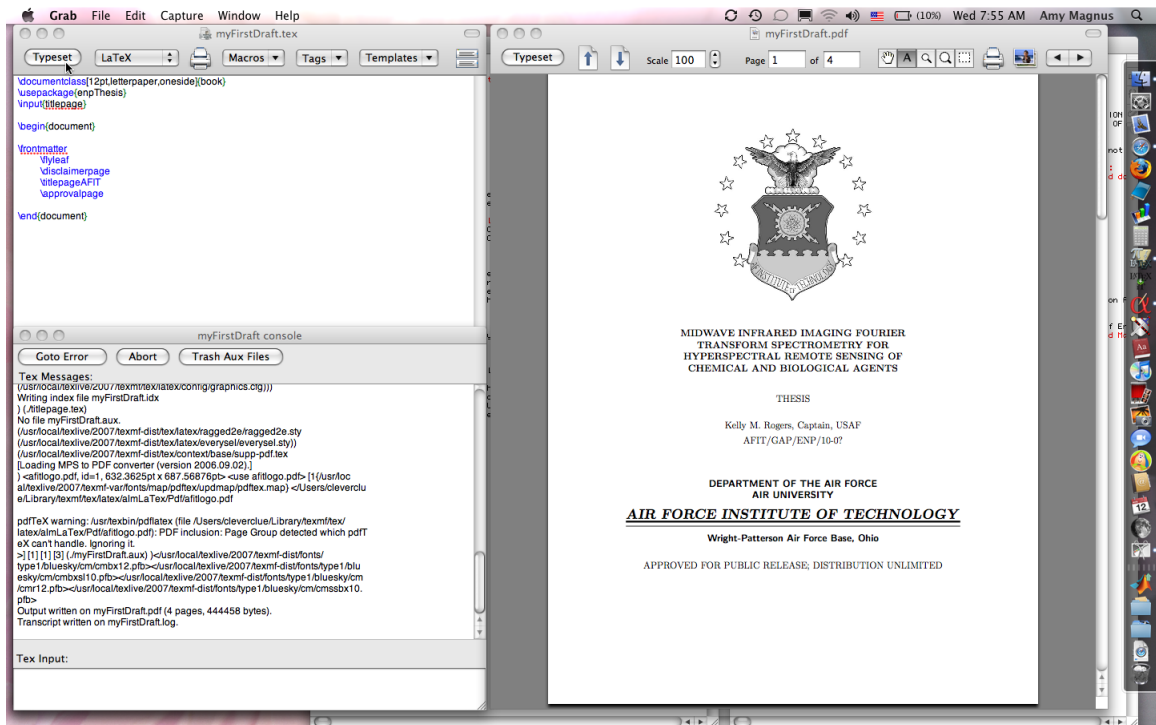


Figure 4. Here we have compiled the first four page of a thesis.



Figure 5. Consider defining all your figures in one file.

