

**TWO-FLUID COLLISIONAL MAGNETOHYDRODYNAMIC  
MODELING**

BY

QUSAI AL SHIDI  
B.S., UNIVERSITY OF TOLEDO (2008)

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FOR THE DEGREE OF DOCTOR OF PHILOSOPHY  
DEPARTMENT OF PHYSICS AND ASTRONOMY  
UNIVERSITY OF MASSACHUSETTS LOWELL

Author .....  
May 1, 2019

Certified by .....  
Ofer Cohen  
Assistant Professor  
Thesis Supervisor

Accepted by .....

## **Abstract**

This example document will utilize some of the features of `umlthesis.cls`.

An acknowledgments page is optional.

# Contents

<b>I</b>	<b>EXAMPLES</b>	<b>1</b>
I.1	A Section . . . . .	2
I.1.1	A Subsection . . . . .	3
I.2	Another Section . . . . .	4
<b>II</b>	<b>REQUIREMENTS</b>	<b>5</b>
	<b>LITERATURE CITED</b>	<b>6</b>
<b>A</b>	<b>APPENDIX CHAPTER</b>	<b>7</b>

# List of Figures

I.1	A black square. . . . .	2
-----	-------------------------	---

# List of Tables

I.1	Comparison of fruits . . . . .	1
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# Chapter 1

## Examples

This chapter will show as much of the document class<sup>1</sup> as possible. The footnotes<sup>2</sup> are required to be indented in a particular way, for example.

This is a paragraph quoted from somewhere else. It must be single-spaced and indented on both sides.

In Table I you can see what a table will look like. Refer to Figure I to see a figure.

Table 1.1: Only fruits of the same type may be compared safely.

	Apples	Oranges
Apples	yes	no
Oranges	no	yes

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<sup>1</sup>This is a short footnote.

<sup>2</sup>You'll find that this footnote is overly verbose and won't fit on a single line. If I have written the document class correctly, then the indentation will match the specification in the UML Thesis Guide.

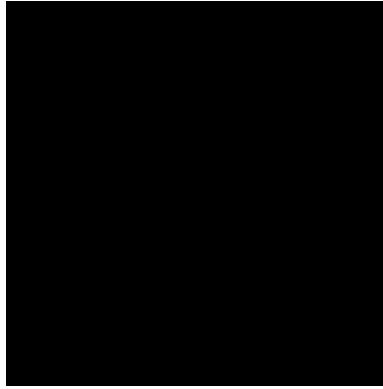


Figure 1-1: A black square.

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## 1.1 A Section

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## 1.2 Another Section

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# Chapter 2

## Requirements

This document class requires `natbib`, `setspace`, and `tocloft`, which are probably already a part of your L<sup>A</sup>T<sub>E</sub>X distribution.

# Bibliography

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# Appendix A

## Appendix Chapter

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