This is the Title of Very Thesis a Very North Continuing All Mends but Continued and	
This Is the Title of Your Thesis: You Must Capitalize All Words but Conjunctions and Pronouns	Commented [DF1]: Must follow standard title
Your Name	capitalization
	Commented [DF2]: Write your name as it appears on your transcript, with only the first letter capitalized
A Thesis	
In the Department of	
	Commented [DF3]: Add your department, not program
Presented in Partial Fulfillment of the Requirements	
For the Degree of	
(Your Program)	Commented IDFALVanders (5V. Marker of Arts
(rodi rogram)	Commented [DF4]: Your degree name (EX: Master of Arts, Doctor of Philosophy, etc.)
	Commented [DF5]: Write ONLY your program, not your department (EX: Building Engineering instead of BCEE)
at Concordia University	
Montréal, Québec, Canada	
Month Year	Commented [DF6]: Master's: Month and year submitted prior to defence PhD: Month and year of initial submission
© Your Name, 2020	Commented [DF7]: Must include copyright symbol, your full name, and the year

CONCORDIA UNIVERSITY

SCHOOL OF GRADUATE STUDIES

This is to certify that the thesis prepared

Ву:	Your Name		Commented [DF8]: Properly indent after By: and Entitled
Entitled:	Thesis title		Commented [DF9]: Your name should not include any prefix (EX: Mr./Ms./etc.)
and submitte	ed in partial fulfillment of the requirements for th	e degree of	
	Degree (Program)		
complies wit	h the regulations of the University and meets th riginality and quality.	e accepted standards with	
Signed by th	e final examining committee:		
Dr.		_Chair	
		External Examiner	
Dr. 		Examiner	
Dr.			
Dr.		Examiner	
		Examiner	
Dr.			
Dr.		Thesis Supervisor	
Approved by	,		
	Dr <mark>. ,</mark> Graduate Progra	m Director	Commented [DF10]: Do not forget to include the name of your GPD
August 24, 2	2020		
	Dr <mark>. ,</mark> Dean of Faculty	 	Commented [DF11]: Do not forget to include the name of your Dean

Abstract For PhD

Thesis Title (Centered)

Name, Ph.D. Concordia University, Year

The abstract is a concise and accurate summary of the research contained in the thesis. It states the problem, the methods of investigation, and the general conclusions, and should not contain tables, graphs or illustrations. There must be a single abstract for the entire thesis. Your abstract comes immediately after and must be **no longer than 350 words for PhD, or 250 words for Master's. 350 words looks as such:**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam condimentum, nisi sed suscipit condimentum, neque eros aliquam ex, sed egestas mi dolor non sem. Cras non quam porttitor, interdum est ut, ornare sem. Pellentesque ac lectus et neque commodo pretium a et justo. Mauris pretium felis sed elementum tempor. Quisque auctor, risus quis posuere ultrices, est sem pulvinar libero, id mattis tellus nulla vitae nunc. Phasellus condimentum interdum ex, a fermentum lacus consectetur in. Donec dapibus, libero in lobortis pretium, lorem arcu ornare tortor, in ornare elit erat ut mi. Nam condimentum dui pulvinar tellus placerat, in facilisis purus luctus.

Aliquam vel felis lobortis, tincidunt orci id, elementum ipsum. Cras at lacus dui. In consequat lacinia tempus. Sed nec hendrerit neque. Proin id nunc suscipit, rutrum dui nec, posuere nunc. Phasellus egestas odio efficitur pharetra ornare. Nulla pharetra sollicitudin tellus, consequat pharetra lectus vehicula eget. Maecenas consectetur velit in sodales portitior. Vivamus ac elit ac ipsum dictum elementum. Sed suscipit iaculis lobortis. Cras tincidunt velit vitae consectetur malesuada. Sed facilisis conque feugiat. Donec non nisi in elit lobortis facilisis.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; Aenean viverra ligula arcu, at bibendum felis porta vel. Aenean vulputate massa leo, et mattis neque placerat in. Suspendisse conque augue et sem ullamcorper, quis pulvinar dolor ultricies. Vestibulum pretium libero vel ultricies pellentesque. Vestibulum ac massa vel magna sollicitudin bibendum in vitae ligula. Nam euismod leo eu imperdiet vestibulum. Donec viverra, sem ut condimentum suscipit, velit felis tincidunt tellus, et feugiat mauris mauris mattis orci. Donec pellentesque ex ante, non convallis elit auctor id. In luctus imperdiet efficitur. Nullam semper sem in sem gravida, eu eleifend metus gravida. Sed in purus euismod, iaculis nisl vitae, tristique purus. Praesent egestas quam arcu, vitae vestibulum quam iaculis ut. Ut suscipit turpis ut justo bibendum vehicula. Nullam eu sagittis nulla.

Donec mattis diam ligula, ac finibus eros consequat id. Etiam scelerisque arcu arcu, et pharetra arcu efficitur et. Nunc imperdiet tincidunt arcu, quis ultricies sem dapibus condimentum. Nullam condimentum facilisis efficitur. Interdum et malesuada fames ac ante ipsum primis in.

Commented [DF12]: You must include the Abstract page title

Commented [DF13]: Bold and justified left

Commented [DF14]: Abstract page number should always be iii (title page and signature page are counted, but not paginated)

Abstract for Masters

Title (Centered)

Name (Centered)

The abstract is a concise and accurate summary of the research contained in the thesis. It states the problem, the methods of investigation, and the general conclusions, and should not contain tables, graphs or illustrations. There must be a single abstract for the entire thesis. Your abstract comes immediately after and must be **no longer than 350 words for PhD, or 250 words for Master's.** 250 words looks as such:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam id iaculis tortor, vitae pharetra urna. Phasellus sodales sapien justo, eget ultrices lectus imperdiet ut. Donec commodo libero nec metus tristique, nec pellentesque felis viverra. Curabitur non purus et ipsum pretium laoreet vitae et neque. Aliquam nec efficitur libero. Fusce aliquet laoreet ex ac tempus. Ut tellus est, efficitur non mollis aliquet, euismod a lectus. Vivamus posuere sapien ac est sagittis, ut finibus nibh aliquam. Suspendisse quis mi purus. Donec et justo porta, imperdiet metus a, sagittis tellus. Donec imperdiet felis ut consequat efficitur. Nulla facilisi. Aliquam odio lorem, tincidunt non ipsum ac, porttitor rutrum velit.

Quisque efficitur, elit non vulputate varius, erat ex porttitor ante, eu hendrerit nisi libero nec arcu. Curabitur nec sem justo. Aliquam eleifend et massa sit amet ullamcorper. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; Vestibulum gravida lectus at commodo rhoncus. Curabitur mattis, tortor commodo faucibus fringilla, diam turpis semper est, at pharetra felis felis ac felis. Sed id arcu consequat, dictum justo id, scelerisque velit. Donec eget fermentum velit. Nullam in velit sem. Aenean consequat ut liqula in hendrerit.

Nulla ultricies interdum elementum. Nullam finibus sodales urna, vel finibus massa semper nec. Proin iaculis dui fringilla ex facilisis, a ultrices metus accumsan. Etiam nec est sed mauris faucibus luctus. Vestibulum eu finibus dolor, eu eleifend orci. Vestibulum mattis facilisis rutrum. Cras euismod lectus a nibh egestas, eu aliquet nulla accumsan. Integer blandit sapien convallis sagittis semper. Phasellus sit amet.

Commented [DF15]: You must include the Abstract page title

Commented [DF16]: Abstract page number should always be iii (title page and signature page are counted, but not paginated)

Acknowledgements

This is the place to thank professional colleagues and people who have given you the most help during your graduate work. The following are usually mentioned in the Acknowledgements:

- supervisor and committee
- grant support
- helpful fellow students, lab mates etc.
- family support

I would like to thank my Supervisor for guiding me through this process, my family and friends for their unwavering support, and my partner for putting up with the late nights.

Thank you to all.

Commented [DF17]: Normally an Acknowledgement or Dedication is included to recognize the help, assistance and support that students have received, but this is not a mandatory page.

Dedication

This work was inspired by UBC. Thank you!

Commented [DF18]: The Dedication page is optional. If you include it, retain the Dedication heading and enter your text here.

Contribution of Authors

If your thesis is a manuscript-based thesis, a Contribution of authors page must be included. This can be formatted as such:

Chapter 1:

Darth Vader wrote the manuscript and provided data for Table 1.

Chapter 3:

Dr. Yoda conducted all statistical analyses mentioned in this chapter, and the results were published in an article entitled "Properly formatted this thesis is".

Chapter 4:

This chapter was published in an article authored by Dr. Luke Skywalker titled "Midichlorians counts and their impact on force-sensitivity".

All authors reviewed the final manuscript and approved of the contents.

Commented [DF19]: List any contributions to your thesis here.

Commented [DF20]: Confirm that the above-mentioned parties have approved of your representation of their work.

Table of Contents

Table of Contents

List of Figures	vii
List of Tables	. ix
Chapter 1: Introduction	. 1
1.1 What goes in the introduction?	. 1
1.2 Introduction of relevant literature.	. 1
Chapter 2: Research begins	3
2.1 First research chapter	3
2.1.1 Information about collaborators	3
2.2 Using colour in a thesis	4
2.2.1 The next chapter has more figures	4
Chapter 3: Tables, Figures, Illustrations, and Other Graphics	6
3.1 Preparing your graphics	. 6
3.1.1 This is a third-level heading	. 7
3.2 Numbering headings	8
3.2.1 Note the numbering for third-level headings	. 8
3.2.2 This numbering can be done automatically in Word	. 8
3.3 Landscape Page Section	9
3.4 Examples of tables	10
Bibliography	. 12
Appendices	. 13

Commented [DF21]: Includes everything after Table of Contents (does not include title page, abstract, signature page, contribution of authors, etc.)

Include lists od Figures, Tables, Illustrations, Equations, Special symbols, Abbreviations etc. A separate list of each category where applicable.

List of Figures

Figure 6.1 Figure captions in the ETDR template are now set below images by default. You can change that and other formatting.

Figure 6.2 EXAMPLE of correct formatting on an ETDR title page. All details are important, including punctuation, capitalization, and the blank line after "Approved by:".

Figure B.1 EXAMPLE of caption in Appendix B, with appendix identifier and number.

Commented [DF22]: The List of Figures is created from figure captions in this document.

List of Tables

- <u>Table 6.1 Table captions in the ETDR template are set above tables by default. You can change that and other formatting.</u>
- <u>Table 6.2 EXAMPLE of an APA-formatted table. APA style is not an ETDR requirement.</u>
- Table 6.3 A small table for centering equations, plus auto-numbering. It has no borders.

Chapter 1: Introduction

Commented [DF23]: All major sections must be on a new page. Chapter numbers are optional, but if included should be sequential.

1.1 What goes in the introduction?

The introduction to the thesis must outline the theme, hypotheses and/or goals of the thesis and provide sufficient information to enable a non-specialist researcher to understand these. It must contain the elements listed below:

- a thorough review of relevant literature
- a clear statement of the research question the hypotheses and/or goals of the research

1.2 Introduction of relevant literature.

The way in which these elements are incorporated will depend on the particular discipline.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec molestie iaculis pharetra. Nullam accumsan nisl in nisi varius sodales. Praesent pulvinar interdum rhoncus. Praesent turpis lorem, porta sit amet sagittis eget, cursus non nulla. Vestibulum pellentesque commodo ipsum fermentum egestas. Nullam a tincidunt felis. Nullam ornare erat nec arcu gravida, in iaculis enim venenatis. In nisl felis, consequat ac porta ultricies, scelerisque nec orci. Maecenas placerat sem tortor, in cursus ex feugiat ut. Vivamus accumsan felis quis nisl malesuada, eu faucibus urna ullamcorper. Suspendisse imperdiet quis sem a consectetur.

In hac habitasse platea dictumst. Nunc eu varius turpis, et hendrerit felis. Phasellus varius elit vitae tristique porta. Nunc consequat leo sed ante tempus fermentum. Nullam posuere dui eros, nec mollis ligula sodales ac. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Mauris non leo elementum, condimentum velit ut, sodales risus. Nullam et lectus et metus sodales eleifend. Quisque fermentum lectus vel orci gravida feugiat. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla vel tortor maximus, semper nunc et, commodo mauris. Maecenas accumsan justo ac quam feugiat, eu egestas nunc venenatis. Quisque quam dolor, porta sed magna vel, rhoncus faucibus turpis. Aenean neque justo, lacinia nec porttitor in, lacinia gravida nisl.

X_id	X_Linked	X_someNumber	T_ID	t_linked	t_somenumber	t2_ID	t2_linked	t2_somenumber
20110102	1	1	20110102	1	1	20110102	1	1
20110103	2	3	20110102	2	3	20110103	2	3
20110104	3	4	20110102	3	4			
20110105	4	5						
20110106	5	6						
20110107	1	1	20110102	1	1			
20110108	2	2	20110102	2	3			
20110109	3	3	20110102	3	4			
20110110	4	1						
20110111	1	1	20110102	1	1			
20110112	1	1	20110102	1	1	20110112	3	4
20110113	2	1	20110102	2	3			
20110114	2	1	20110102	2	3			
20110115	3	1	20110102	3	4			

Figure 1

Nulla volutpat fermentum neque, in eleifend orci fringilla vitae. Proin quis sollicitudin orci. Pellentesque semper augue in lorem molestie, ac rutrum orci commodo. Nullam pharetra interdum odio, non suscipit erat volutpat vitae. Nunc congue nulla ut nisi rutrum, quis semper arcu dictum. In hac habitasse platea dictumst. Quisque bibendum, quam egestas interdum auctor, massa purus malesuada ipsum, sed pharetra mi orci ultrices sapien. Sed eget nisl pretium, faucibus libero a, sollicitudin neque. Nullam cursus aliquam leo. Curabitur ac lacus nec quam consequat tincidunt sit amet vitae arcu. Duis mi leo, rhoncus nec molestie sed, vehicula eu lacus. Nullam sit amet varius sapien, ac lobortis odio. Aliquam ultricies semper eros, posuere bibendum dui maximus sed. Donec vel diam rutrum, auctor enim id, lobortis elit. Aliquam erat volutpat. Curabitur dapibus purus venenatis justo consequat lobortis.

Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae; Praesent at tellus vel libero commodo euismod. Curabitur tempor, ipsum sed hendrerit elementum, ex erat tempus magna, ac ullamcorper urna velit eu turpis. Nulla quis nulla semper magna sodales vehicula. Nulla sed dolor quis sapien egestas dapibus non at nunc. Nunc auctor tempor eros, nec pellentesque nulla commodo eget. Nulla sed sem nulla. Aliquam posuere ex at ultricies ornare. Nam vulputate odio sed lectus sagittis laoreet. Donec non leo nec libero scelerisque commodo vitae id velit. Cras a elit a mauris sodales congue nec nec lorem. Nam dignissim sit amet ligula in cursus. Donec malesuada nibh sed faucibus laoreet. Donec hendrerit mattis orci a dictum. Suspendisse euismod est nec congue imperdiet.

Suspendisse in purus rhoncus, placerat sapien id, sodales leo. Proin ullamcorper tortor quis lobortis euismod. Interdum et malesuada fames ac ante ipsum primis in faucibus. Nulla mi ligula, finibus non erat id, facilisis hendrerit elit. Integer dapibus magna sed vulputate lobortis. Morbi fringilla eleifend ligula a volutpat. Vivamus viverra ullamcorper tincidunt. Aenean malesuada, odio sit amet egestas iaculis, enim purus ullamcorper elit, ac iaculis metus turpis pretium tortor. Sed nec pellentesque justo. Aenean quis nunc urna. Pellentesque vitae pharetra eros, quis molestie tellus. Aenean eu metus vel est ullamcorper mattis. Nunc finibus mattis urna vel tincidunt. Curabitur eleifend, ante id ullamcorper sodales, tellus metus vestibulum ligula, et interdum ante nulla faucibus ipsum. Nam magna ligula, blandit eu tincidunt non, euismod nec lectus.

X_Linked	X_someNumber	T_ID	t_linked	t_somenumber	t2_ID	t2_linked	t2_somenumber
1	1	20110102	1	1	20110102	1	1
2	3	20110102	2	3	20110103	2	3
3	4	20110102	3	4			
4	5						
5	6						
1	1	20110102	1	1			
2	2	20110102	2	3			
3	3	20110102	3	4			
4	1						
1	1	20110102	1	1			
1	1	20110102	1	1	20110112	3	4
2	1	20110102	2	3			
2	1	20110102	2	3			
3	1	20110102	3	4			
	1 2 3 4 5 5 1 2 3 4 4	1 1 2 3 3 3 4 4 4 5 5 5 6 6 1 1 1 2 2 3 3 3 4 1 1 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 1	1 1 20110102 2 3 20110102 3 4 20110102 4 5 5 5 6 1 1 1 20110102 2 2 20110102 3 3 20110102 4 1 1 1 1 20110102 1 1 20110102 2 1 20110102 2 1 20110102	1 1 20110102 1 2 3 20110102 2 3 4 20110102 3 4 5 5 5 6 1 1 20110102 1 2 2 20110102 2 3 3 20110102 1 1 2 1 20110102 1 1 1 20110102 1 1 1 20110102 1 1 1 20110102 1 2 1 20110102 1 2 1 20110102 2	1 1 20110102 1 1 2 3 20110102 2 3 3 4 20110102 3 4 4 5 5 6 5 1 1 20110102 1 1 2 2 20110102 2 3 3 3 20110102 3 4 4 1 1 20110102 1 1 1 1 20110102 1 1 1 2 1 20110102 2 3 2 1 20110102 2 3	1 1 20110102 1 1 20110102 2 3 20110102 2 3 20110103 3 4 20110102 3 4 4 5 5 6 5 1 1 20110102 1 1 2 2 20110102 2 3 3 3 20110102 3 4 4 1 1 20110102 1 1 1 20110102 1 1 1 1 20110102 1 1 20110112 2 1 20110102 2 3 2 1 20110102 2 3	1 1 20110102 1 1 20110102 1 2 3 20110102 2 3 20110103 2 3 4 20110102 3 4 4 4 5 5 6 5 5 1 1 20110102 1 1 1 2 2 20110102 2 3 3 20110102 3 4 4 1 1 20110102 1

Figure 2

Nulla porta lectus vitae magna malesuada, vel ultrices dolor suscipit. In eleifend, ante ut rhoncus finibus, enim odio tristique lacus, ut lobortis leo est et nisi. Donec blandit condimentum dolor at condimentum. Mauris eleifend facilisis lorem. Mauris cursus tincidunt

Chapter 2: Research begins

2.1 First research chapter

The account of the research should be presented in a manner suitable for the field and include the following:

- coherent structure that flows logically and smoothly from chapter to chapter
- brief synopsis at the beginning of each research chapter
- description of methods used, in sufficient detail to enable a reader to understand how the data were gathered and to apply similar methods in another study
- complete account of the research presented in a systematic manner typical of the field of study

Students should consult with their supervisors for further guidance about how to structure their particular thesis.

2.1.1 Information about collaborators

Details about the contributions of collaborators, if any, must be included in the Preface. If you wish, you can additionally use a footnote to identify specific contributions of collaborators, as in this example. ¹

See also the example on the first page of Chapter 3.2

NOTE: If you identify collaborative work in a footnote, remember to clarify your exact contribution in the Preface.

If you refer to work or research conducted by someone else, you may refer to them in the footnotes, as per the style guides referred to you by your department.

² This phrase is taken from Dr. A. Apple, "Useful Phrases in Instructional Writing", [include full citation of the work].

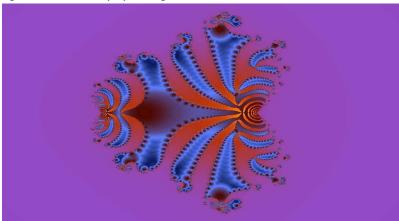
2.2 Using colour in a thesis

You can use colour in your tables, figures, and illustrations. **Avoid using coloured text**, except in hyperlinks.

2.2.1 The next chapter has more figures

Maecenas viverra sem eu imperdiet rhoncus. In eleifend elit massa, eu ullamcorper nulla finibus a. Pellentesque condimentum nulla leo, ut viverra lectus fringilla nec. Maecenas mauris lacus, facilisis sit amet mattis eu, pharetra ornare nibh. Curabitur vitae commodo orci. Ut ac erat varius, vehicula nisi egestas, vulputate ipsum. Vivamus bibendum metus at dui lacinia ultrices. Donec purus mauris, dignissim eu lacinia eget, lacinia nec velit. Mauris rhoncus, lacus in commodo ornare, metus urna semper nunc, at mollis eros nisi in est. Aenean at ullamcorper nulla. Vivamus quis dolor egestas, elementum libero id, fermentum lacus.

Figure 2.1 Fractal on purple background



Source: Generated using Fractal Explorer

Interdum et malesuada fames ac ante ipsum primis in faucibus. Mauris sed arcu ultricies, venenatis turpis non, ultrices ipsum. Donec faucibus fringilla turpis, a tempus sapien laoreet

Maecenas viverra sem eu imperdiet rhoncus. In eleifend elit massa, eu ullamcorper nulla finibus a. Pellentesque condimentum nulla leo, ut viverra lectus fringilla nec. Maecenas mauris lacus, facilisis sit amet mattis eu, pharetra ornare nibh. Curabitur vitae commodo orci. Ut ac erat varius, vehicula nisi egestas, vulputate ipsum. Vivamus bibendum metus at dui lacinia

ultrices. Donec purus mauris, dignissim eu lacinia eget, lacinia nec velit. Mauris rhoncus, lacus in commodo ornare, metus urna semper nunc, at mollis eros nisi in est. Aenean at ullamcorper nulla. Vivamus quis dolor egestas, elementum libero id, fermentum lacus. Nam cursus ex id metus ornare rutrum. Ut nec magna viverra, fringilla eros in, laoreet magna. Vestibulum tincidunt tortor mi, eu tristique massa placerat vel. Nam nulla leo, lacinia vitae mauris non, fermentum pulvinar tellus. Sed pulvinar dolor tristique lectus suscipit interdum.

Etiam semper eu ante sit amet rutrum. Nunc at tempor elit. Donec egestas nisi a arcu volutpat eleifend. Ut fringilla ante molestie velit ullamcorper rutrum. Aenean tincidunt sit amet nisi eget varius. Nullam consequat sapien vel massa accumsan suscipit et pretium nibh. Nunc nec varius orci, blandit accumsan lacus. Praesent fringilla nibh eget sem interdum volutpat. Integer sed interdum metus, a ullamcorper urna. Duis hendrerit, turpis et finibus dictum, urna leo malesuada est, et tincidunt ex enim et mauris. Maecenas tincidunt iaculis nisi, vitae efficitur turpis fringilla non. Cras sit amet placerat leo. Curabitur at euismod quam. Nulla facilisi.

Etiam maximus, metus in gravida ornare, nibh quam tincidunt diam, eu luctus sapien quam eu enim. Duis volutpat malesuada sem, at laoreet massa euismod ac. Donec rhoncus ante at mi rhoncus pellentesque. Morbi porttitor mi sed risus gravida, ut facilisis arcu pulvinar. Sed elementum orci bibendum neque congue, et aliquam nunc auctor. Aliquam pellentesque aliquet rhoncus. Donec id metus sed dolor mollis tristique vel eu augue. Pellentesque feugiat pretium elit vitae sagittis.

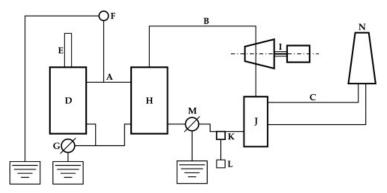


Figure 3

Vestibulum pellentesque facilisis nulla non varius. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec mollis consequat venenatis. Mauris congue nec mi ac molestie. Mauris rutrum erat at commodo dapibus. Maecenas vitae venenatis nisl, a facilisis mi. Fusce tellus ante, ornare eget auctor a, hendrerit tempus augue. Aenean aliquet ante ac enim accumsan, et sodales urna interdum. Fusce ac turpis tortor. Quisque sed augue ac ligula placerat fermentum id quis turpis. Fusce quis magna eget nibh mattis viverra. Suspendisse potenti. Fusce molestie odio non accumsan pharetra. Pellentesque sagittis viverra mauris, id pretium felis sollicitudin a. Integer sodales tortor a feugiat porta.

Quisque at orci non nibh pulvinar facilisis. Proin ultricies turpis ut egestas convallis. Mauris ac aliquet mi. Aliquam et massa urna. Etiam nec rutrum massa. Proin auctor ligula et eleifend commodo. In hac habitasse platea dictumst. In pharetra eu nisi vitae commodo. Fusce gravida tortor id metus tincidunt, eget facilisis risus auctor. Etiam dapibus nisi metus. Proin finibus lorem vel metus lobortis, a consequat tortor tristique. Morbi et iaculis nisl, ut elementum tellus.

Chapter 3: Tables, Figures, Illustrations, and Other Graphics³ 3.1 Preparing your graphics

Remember to make your graphics clear and readable. Table 3.1 has a list of solutions to common problems with graphics.

The footnote is another example of citing the source of material you've used.

Table 3.1 Possible problems in tables and figures

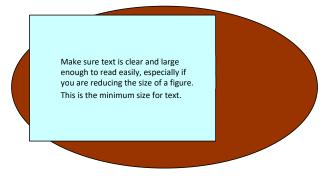
Problem	Solution
Font is too small and lines are too close together.	 You may use a slightly smaller font and closer spacing in tables, but please ensure that the font you choose is easy to read. Use landscape pages for tables if it means you can use a larger font.
Many colours in a graph or diagram can make the individual sections indistinguishable.	Use both texture and colour in graphs and diagrams.
Black text against a darker colour or grey background is hard to read.	Change text colour to white, and deepen the colour of the background to sharpen contrast.
	 If you prefer to keep black text, lighten the coloured or grey background to smallest percentage, or change to white.
Photo becomes pixelated when imported or enlarged.	Increase resolution of the photo in the originating program (e.g. Photoshop)
	 Consider re-doing or replacing the image.

³ A version of chapter 3 has been published. [Student's name], Apple, A. and Boat. B. (2010) Frequency of Quality Testing in Syrup Creation. Maple Science J. 255:139-144.

3.1.1 This is a third-level heading

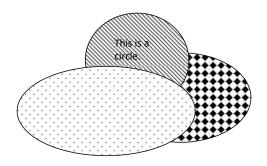
Vestibulum quis libero in mi tincidunt commodo. Sed a orci nibh. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Sed eget mi quis purus interdum congue bibendum nec velit. Morbi tellus est, elementum sed vulputate eget, vestibulum et lorem. Nulla nec nulla et orci convallis venenatis a ut mi. Aliquam vel lectus ac purus iaculis ornare. Sed dictum pretium dui id congue. Aliquam nec malesuada ex. Donec elit ex, suscipit at neque id, ornare blandit sapien. Praesent condimentum blandit molestie. Morbi a ullamcorper quam. Suspendisse maximus tempor leo, blandit vehicula libero. Ut rhoncus ante sit amet arcu ultrices lacinia. Sed sit amet vestibulum magna.

Figure 3.1 Good contrast in a figure.



Vestibulum quis libero in mi tincidunt commodo. Sed a orci nibh. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Sed eget mi quis purus interdum congue bibendum nec velit. Morbi tellus est, elementum sed vulputate eget, vestibulum et lorem. Nulla nec nulla et orci convallis venenatis a ut mi. Aliquam vel lectus ac purus iaculis ornare. Sed dictum pretium dui id congue. Aliquam nec malesuada ex.

Figure 3.2 Differentiating sections in a figure using patterns.



Commented [DF24]: Make sure that text in a figure is easily readable—unlike the one in the top circle.

In addition to colours, you can add patterns to sections of a diagram or bar chart to make them stand out from each other.

You can use colour in your tables, figures, and illustrations, but patterns can provide additional ways of distinguishing sections in a diagram or bar chart.

3.2 Numbering headings

3.2.1 Note the numbering for third-level headings

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec molestie iaculis pharetra. Nullam accumsan nisl in nisi varius sodales. Praesent pulvinar interdum rhoncus. Praesent turpis lorem, porta sit amet sagittis eget, cursus non nulla. Vestibulum pellentesque commodo ipsum fermentum egestas. Nullam a tincidunt felis. Nullam ornare erat nec arcu gravida, in iaculis enim venenatis. In nisl felis, consequat ac porta ultricies, scelerisque nec orci. Maecenas placerat sem tortor, in cursus ex feugiat ut. Vivamus accumsan felis quis nisl malesuada, eu faucibus urna ullamcorper. Suspendisse imperdiet quis sem a consectetur.

3.2.2 This numbering can be done automatically in Word

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec molestie iaculis pharetra. Nullam accumsan nisl in nisi varius sodales. Praesent pulvinar interdum rhoncus. Praesent turpis lorem, porta sit amet sagittis eget, cursus non nulla. Vestibulum pellentesque commodo ipsum fermentum egestas. Nullam a tincidunt felis. Nullam ornare erat nec arcu gravida, in iaculis enim venenatis. In nisl felis, consequat ac porta ultricies, scelerisque nec orci. Maecenas placerat sem tortor, in cursus ex feugiat ut. Vivamus accumsan felis quis nisl malesuada, eu faucibus urna ullamcorper. Suspendisse imperdiet quis sem a consectetur.

3.3 Landscape Page Section

Landscape pages must be in this orientation in your PDF so that they are readable without rotation. You do not need to change the location or orientation of the page number, but may if you wish.

TIP: Setting up page numbers on landscape pages (e.g. for best presentation of a wide table) in Microsoft Word.

NOTE: There will be variations depending on the version of Word you are using.

Change View to Normal. Insert a section break/next page at the top and bottom of the page you want to landscape.

Return to View/Print Layout. Use File/Page Setup/Landscape to change orientation of this section.

3.4 Examples of tables

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec molestie iaculis pharetra. Nullam accumsan nisl in nisi varius sodales. Praesent pulvinar interdum rhoncus. Praesent turpis lorem, porta sit amet sagittis eget, cursus non nulla. Vestibulum pellentesque commodo ipsum fermentum egestas. Nullam a tincidunt felis. Nullam ornare erat nec arcu gravida, in iaculis enim venenatis. In nisl felis, consequat ac porta ultricies, scelerisque nec orci. Maecenas placerat sem tortor, in cursus ex feugiat ut. Vivamus accumsan felis quis nisl malesuada, eu faucibus urna ullamcorper. Suspendisse imperdiet quis sem a consectetur.

Table 3.2 Common thesis problems

Problem Area	Common Problem	Solution
Title Page	Incorrect program name	Check website for exact name
Components of a Thesis	Not in correct order	Check carefully to ensure correct order
Table of Contents	Page numbers not accurate	Regenerate Table of Contents after making any changes.
Pagination	Preliminary pages incorrectly numbered	Preliminary pages use lower-case Roman; rest use Arabic.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec molestie iaculis pharetra. Nullam accumsan nisl in nisi varius sodales. Praesent pulvinar interdum rhoncus. Praesent turpis lorem, porta sit amet sagittis eget, cursus non nulla. Vestibulum pellentesque commodo ipsum fermentum egestas. Nullam a tincidunt felis. Nullam ornare erat nec arcu gravida, in iaculis enim venenatis. In nisl felis, consequat ac porta ultricies, scelerisque nec orci. Maecenas placerat sem tortor, in cursus ex feugiat ut. Vivamus accumsan felis quis nisl malesuada, eu faucibus urna ullamcorper. Suspendisse imperdiet quis sem a consectetur.

Table 3.3 Example of table splitting over two pages or more

Heading	Another Heading	The Third Heading
First Subheading		
456	34667878569	85667898765
5opi59i590	-4512-563	`-025-56238905623
456	34667878569	85667898765
5opi59i590	-4512-563	`-025-56238905623

Heading	Another F	leading	The Third Heading	l
Second Subseading				
456	3466787856		just be repeated on the second and subsequent	
5opi59i590	§ 12-563		oles that split over two pages or more.	
123	43		3245890654333685	
123	4567		3245890654333685	l
456	346678785		85667898765	
5opi59i590	-4512-563		025-56238905623	
Third Subheading		Tables shou	uld be split at an appropriate place,	l
123	4567		ore a new subheading.	l
456	3466787856	59	85667898765	l
5opi59i590	-4512-563		`-025-56238905623	I
123	4567		3245890654333685	
456	34667878569		85667898765	
5opi59i590	-4512-563		`-025-56238905623	l

TIP: To make table headings repeat on following pages in Microsoft Word:

- 1. Select the heading row or rows. The selection must include the first row of the table.
- 2. On the Table menu, click **Heading Rows Repeat**.

Microsoft Word automatically repeats table headings on new pages that result from automatic page breaks. Word does not repeat a heading if you insert a manual page break within a table.

Author, A, 1997. Title, publication details, in style permitted by your discipline. Please consult a style manual appropriate for your discipline for further details.

Bibliography

Author, B, 2003. Title, publication details, in style permitted by your discipline. Please consult a style manual appropriate for your discipline for further details.

Author, C, 1997. Title, publication details, in style permitted by your discipline. Please consult a style manual appropriate for your discipline for further details.

Commented [DF25]: The bibliography is not a chapter, and does not need a chapter number, but the page number must be in sequence.

The bibliography can also be called References, or Works Cited and must always start on a new page.

Commented [DF26]: This is not intended to be a sample on which to base your bibliography. Use a style manual or journal style guide recommended by your program.

Appendices

Appendix A: General Information

All appendices in the thesis must be presented together after the concluding chapter.

Page numbering for appendices continues on from the body of the thesis, in sequence.

Appendices must be limited to supporting material genuinely subsidiary to the main argument of the thesis. Appendices must only include material that is referred to in the Body of the thesis.

The following are appropriate for inclusion in the appendices:

- additional details of methodology and/or data
- diagrams of specialized equipment developed
- copies of questionnaires or surveys used in the research

Commented [DF27]: The Appendices are not a chapter, and does not need a chapter number, but the page number must be in sequence.