



ABDULLAH GÜL  
ÜNİVERSİTESİ

# THESIS WRITING GUIDELINES

## **1. Paper Type**

The thesis must be written on a white, high-quality, opaque A4 paper of which a single brand of a paper manufacturer is used throughout the thesis.

## **2. Text Font and Style**

The thesis must be written using Times New Roman. The font size should be 12 throughout the text. See the related titles in the manual for the special font size and style.

## **3. Margins**

All text must be justified, and the margins should be 3.5 cm from the left 2.5 cm from the right, top and bottom.

## **4. Spacing**

The thesis must be written using 1.5 line spacing. Single spacing must be used for figure and table captions, figure and table names in the contents, bibliography, and footnotes. The chapter titles must have three single spaces below them; headings must have double space above and below; subheadings must have single space above and below. Please consider page and section breaks.

## **5. Indentation**

Indentation must be done at the start of each chapter text and paragraph using the tab margins, with 1 cm indentation.

## **6. Pagination**

Starting with the “abstract” page, there must be a page number on each page of the thesis. The cover page, approvals page, and dedication page do not include pagination. Lower-case Roman numerals (i, ii, iii, etc.) must be used starting the “abstract” pages, followed by the acknowledgments, the table of contents, the list of figures, and the list of tables. Arabic numerals (1, 2, 3, ...) are used from the beginning of the first chapter and must run consecutively until the last page of the thesis. The page numbers must be placed at the bottom of each page, centered.

## **7. Abstract**

The thesis contains one abstract in Turkish (özet) and one abstract in English, both not to exceed 1 page individually.

The abstract page must start with the title “ABSTRACT”. The title should all be in capital letters (16 pt. fonts). The name and surname of the author, the name of the degree program, the name and title of the advisor, and the dissertation month and year should follow as in the sample guideline below (12 pt. font). Keywords must be placed in italics

at the end of each abstract with a minimum 3 and maximum 5 keywords. The abstract and the keywords must be written using 12 pt. fonts.

**Page number style should be lower case Roman numerals from abstract to list of abbreviations parts of the thesis.**

### **8. Dedication Page (optional)**

The dedication page (if being used) must be placed just before the first chapter of the thesis (using optional language).

### **9. Acknowledgements**

Acknowledgements must be paginated with lower-case Roman numerals and must fit into a maximum of 1 page. (Title: 24 pt. fonts, text: 12 pt. fonts)

### **10. Table of Contents**

"TABLE OF CONTENTS" title must be in 24 pt. Times New Roman font, capitalized and centered. The table of content entries must start with the first chapter of the text, excluding the abstract, acknowledgement, cover page pagination. The entries in the contents should match exactly with the in-text titles, subtitles, sub-subsections.

The title names must be capitalized, in 12 pt. fonts, bold; subtitles must be written using indentation, capitalized, regular (i.e., not bold), 12 pt. fonts; sub-subsections must be intended further from the subsections, written in italics using 12 pt. fonts, only the first character is capitalized.

### **11. List of Figures and Tables**

**"LIST OF FIGURES" and "LIST OF TABLES"** titles must be in 24 pt. Times New Roman font, capitalized and centered. These lists should be arranged similar to the "Table of Contents" format.

i.e.,

Figure 2.3 Figure caption..... **Hata! Yer işareti tanımlanmamış.**

The title of the table/figure in the given list must exactly match the pagination and the wording used in the figure/table caption. Single spacing must be used if the caption exceeds single line.

### **12. List of Abbreviations**

Title must be in 24 pt. Times New Roman font, capitalized and centered Abbreviation should be ordered alphabetically (12 pt. font). If included, you should follow a format consistent with acceptable practice in your discipline.

### **13. Text**

The thesis organization must follow the table of contents subsection formatting. Each chapter must start with a new page, with the chapter name and title; numbered, the first character capitalized, written using 24 pt. fonts. The subtitles and sub-subsections must be written with the first character capitalized, using 18 pt. and 14 pt. fonts, respectively.

### **14. Tables and Figures**

The figures and tables used within the thesis must be placed in a stylistic way and centered. The figures must be in high quality graphics format, with all the characters being readable, if any text included. Image and graph resolution should be at least 300 dpi. The tables and figures should be numbered consecutively throughout the text. For example, the second figure/table in the section 2 should be numbered as Figure 2.2/Table 2.2 and the first figure/table in the section 3 should be numbered as Figure 3.1/Table 3.1. The figure and table captions should be written using Times New Roman, and the font size should be 12. The captions of the figures and tables must be aligned left, with the first letter capitalized.

### **15. Equations and Formulas**

Equations and formulas must be typed using professional software, separated from the text, placed in the middle of the flowing text, with equation numbers placed in the same line of the equation, in bold typeface, using 10 pt. fonts, numbered in a similar fashion of the figures/tables.

### **16. Citations**

The citations used in the thesis must be included in the “Bibliography” of the thesis. The bibliography must be placed at the end of the text, before the “Appendix” chapter (if any). The in-text citing of the references in the bibliography should follow the Arabic numbers in the brackets. i.e., [1], [1,2], [4-8]. Except Architecture program students, the graduate school follows IEEE style for citations. Students in architecture graduate program should follow APA style for citations. Please refer to the examples below for various types of academic sources:

#### **IEEE style**

##### **Book:**

[Ref number] Author’s initials. Author’s Surname, *Book Title*, edition (if not first). Place of publication: Publisher, Year.

[1] I.A. Glover and P.M. Grant, *Digital Communications*, 3<sup>rd</sup> ed. Harlow: Prentice Hall, 2009.

##### **Book chapter:**

[Ref number] Author’s initials. Author’s Surname, “Title of chapter in book,” in *Book Title*, edition (if not first), Editor’s initials. Editor’s Surname, Ed. Place of publication: Publisher, Year, page numbers.

[2] C. W. Li and G. J. Wang, "MEMS manufacturing techniques for tissue scaffolding devices," in *Mems for Biomedical Applications*, S. Bhansali and A. Vasudev, Eds. Cambridge: Woodhead, 2012, pp. 192-217.

**Journal Article:**

[Ref number] Author's initials. Author's Surname, "Title of article," *Title of journal abbreviated in Italics*, vol. number, issue number, page numbers, Abbreviated Month Year.

[4] F. Yan, Y. Gu, Y. Wang, C. M. Wang, X. Y. Hu, H. X. Peng, et al., "Study on the interaction mechanism between laser and rock during perforation," *Optics and Laser Technology*, vol. 54, pp. 303-308, Dec 2013.

**APA style**

When using APA format, follow the author-date method of in-text citation. This means that the author's last name and the year of publication for the source should appear in the text, like, for example, (Jones, 1998). One complete reference for each source should appear in the reference list at the end of the paper.

**Book:**

Author, A. A. (Year of publication). *Title of work: Capital letter also for subtitle*. Publisher Name. DOI (if available)

Stoneman, R. (2008). *Alexander the Great: A life in legend*. Yale University Press.

**Book Chapter:**

Author, A. A., & Author, B. B. (Year of publication). Title of chapter. In E. E. Editor & F. F. Editor (Eds.), *Title of work: Capital letter also for subtitle* (pp. pages of chapter). Publisher. DOI (if available)

Armstrong, D. (2019). Malory and character. In M. G. Leitch & C. J. Rushton (Eds.), *A new companion to Malory* (pp. 144-163). D. S. Brewer.

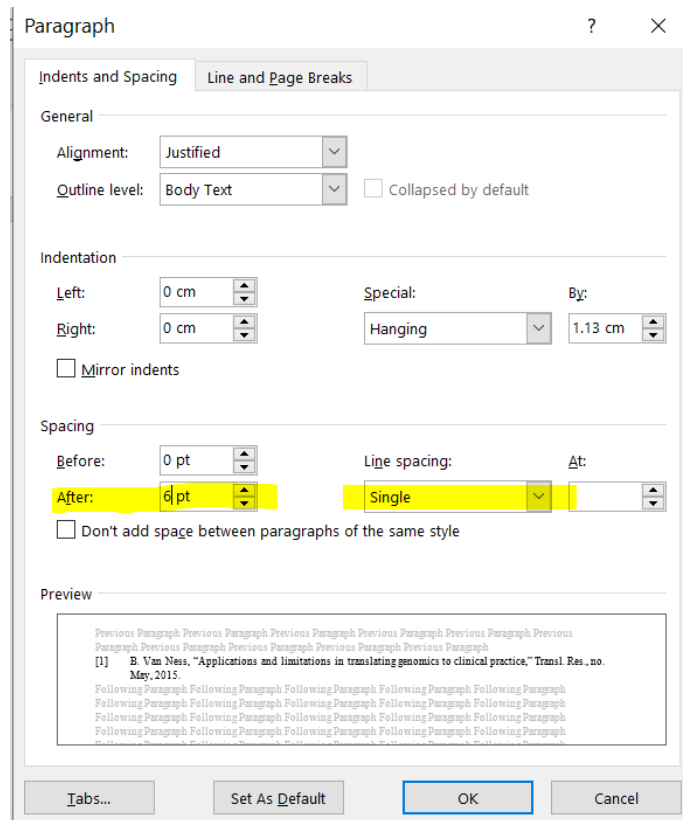
**Journal Article:**

Author, A. A., Author, B. B., & Author, C. C. (Year). Title of article. *Title of Periodical, volume number*(issue number), pages. <https://doi.org/xx.xxx/yyyy> (if available)

Baniya, S., & Weech, S. (2019). Data and experience design: Negotiating community-oriented digital research with service-learning. *Purdue Journal of Service-Learning and International Engagement*, 6(1), 11–16. <https://doi.org/10.5703/1288284316979>

**Note:** For other types of academic sources, please visit official guidelines provided by IEEE and APA.

Organize paragraph spacing properties of the bibliography part according to the figure below.



## 17. Appendix

Appendices (if any) must be placed at the end of the thesis, after the “Bibliography”.

## 18. Curriculum Vitae (CV)

CV is an academic biography of the candidate which includes educational institutions attended (after high school), degrees and honors won, titles of publications, and teaching and professional experience. It should be short, concise, and written in the third person. The CV must be in the same font and point size as the rest of the thesis.

FRONT COVER AND SPINE

Name Surname

M.Sc. Thesis / Ph.D. Thesis

AGU Year

# TITLE OF THE THESIS

M.Sc. / Ph.D. THESIS

SUBMITTED TO THE DEPARTMENT OF XXX  
AND THE GRADUATE SCHOOL OF ENGINEERING AND SCIENCE  
OF ABDULLAH GUL UNIVERSITY  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
XXX

By

Name Surname

Month Year

# TITLE OF THE THESIS

A THESIS  
SUBMITTED TO THE DEPARTMENT OF XXX  
AND THE GRADUATE SCHOOL OF ENGINEERING AND SCIENCE OF  
ABDULLAH GUL UNIVERSITY  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
XXX

By  
Name Surname  
Month Year



## **SCIENTIFIC ETHICS COMPLIANCE**

I hereby declare that all information in this document has been obtained in accordance with academic rules and ethical conduct. I also declare that, as required by these rules and conduct, I have fully cited and referenced all materials and results that are not original to this work.

Name-Surname:

Signature :

## **REGULATORY COMPLIANCE**

M.Sc. / Ph.D. (Choose one) thesis titled ..... has been prepared in accordance with the Thesis Writing Guidelines of the Abdullah Gül University, Graduate School of Engineering & Science.

Prepared By  
Name Surname  
Signature

Advisor  
Name Surname  
Signature

Co Advisor  
Name Surname  
Signature  
(please delete this part and center the rest if there is no co-advisor)

Head of the ..... Program  
Name-Surname  
Signature

## ACCEPTANCE AND APPROVAL

M.Sc. / Ph.D. (Choose one) thesis titled ..... and prepared by ..... has been accepted by the jury in the ..... Graduate Program at Abdullah Gül University, Graduate School of Engineering & Science.

..... / ..... / .....

(Thesis Defense Exam Date)

### JURY:

Advisor : (Prof. Name Surname).....

Member : (Assoc. Prof. Name Surname).....

Member : (Assist. Prof. Name Surname).....

Member : (Name Surname).....

Member : (Name Surname).....

(Write academic title of the jury members according to the given examples and erase this sentence before submission)

### APPROVAL:

The acceptance of this M.Sc./Ph.D. (choose one) thesis has been approved by the decision of the Abdullah Gül University, Graduate School of Engineering & Science, Executive Board dated ..... / ..... / ..... and numbered .....

..... / ..... / .....

(Date)

Graduate School Dean  
Prof. İrfan ALAN

# ABSTRACT

## TITLE

Name Surname

MSc./Ph.D. in XXX

Advisor: Title Name/Surname

Co-advisor : Name / Surname (please delete this line if there is no co-advisor)

Month Year

Times New Roman 12

*Keywords: Keyword1, Keyword2,... (min 3 max 5 keywords)*

ÖZET  
BAŞLIK

Adı-Soyadı  
XXX Anabilim Dalı Doktora/Yüksek Lisans  
Tez Danışmanı: XXX  
İkinci Tez Danışmanı: YYY (yoksa bu satırı silin)  
Ay-Yıl

Times New Roman 12

*Anahtar kelimeler: Anahtar Kelime 1, Anahtar Kelime 2 (en az 3 en çok 5 anahtar kelime)*

# Acknowledgements

Text

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# LIST OF ABBREVIATIONS

AMI	Advanced Metering Infrastructure
FHE	Fully Homomorphic Encryption
KDC	Key Distribution Center
PKC	Public Key Cryptography
PKI	Public Key Infrastructure
PQC	Post-Quantum Cryptography
SG	Smart Grid
SMC	Secure Multiparty Computation

*To xxx,yyy*

# Chapter 1

## Introduction

Text

# Chapter 2

## Title

Text

### 2.1 Subtitle 1

Text

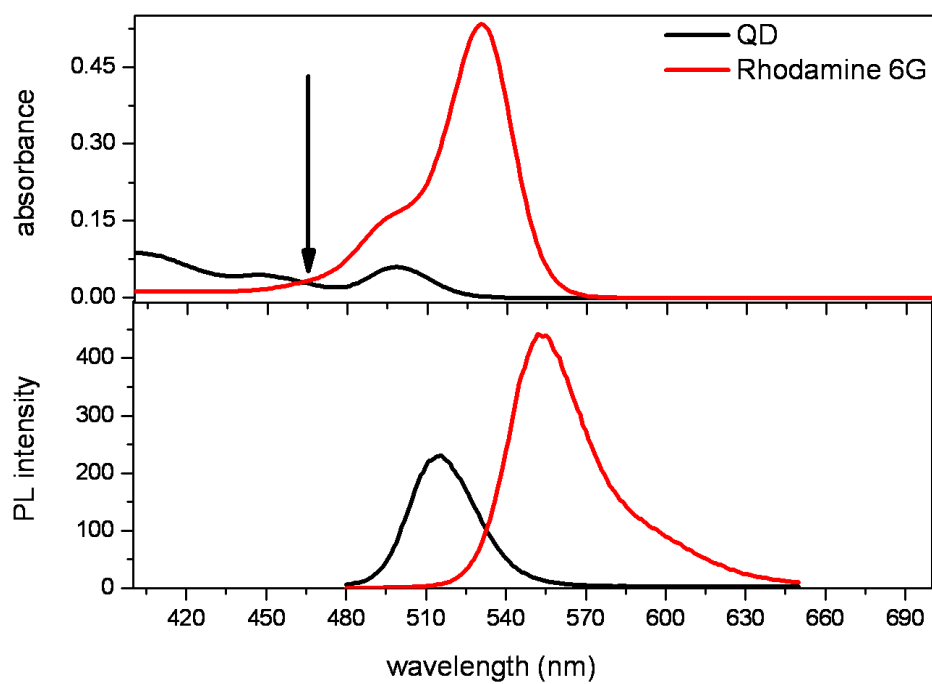
### 2.2 Subtitle 2

Text

### 2.3 Subtitle 3

Text

$$Q = Q_{ref} \frac{l}{l_{ref}} \frac{A_{ref}}{A} \frac{n^2}{n_{ref}^2} \quad (2.1)$$



**Figure 2.1** Figure caption

## 2.4 Subtitle 4

Text<sup>1</sup>

### 2.4.1 Sub-subsection 1

Text

### 2.4.2 Sub-subsection 1

Text

---

<sup>1</sup> This is a footnote with single space.

# Chapter 3

## Title

### 3.1 Title 1

Text

#### 3.1.1 Derivation of XXX

Text [1],

$$\bar{A}(x) = \frac{-i\mu_0 w}{4\pi p} \frac{e^{ikr}}{r} \quad (3.1)$$

# Chapter 4

## Title

Text

### 4.1 Title

Text

**Table 4.1 Table caption**

<b>L A B E L</b>	Concentration ratio	Using amine-functionalized donors			Using non-functionalized donors		
		Quantum yield	Förster radius		Quantum yield	Förster radius	
		29.5%	5.6 nm		33.5%	5.6 nm	
		Lifetime analysis			Lifetime analysis		
	A/D	$\tau_i$	$\chi^2$	$\eta_{\text{FRET}}$	$\tau_i$	$\chi^2$	$\eta_{\text{FRET}}$
<b>a</b>	<b>0.00</b>	<b>18.16</b>	1.09	-	<b>16.65</b>	1.08	-
<b>b</b>	<b>1.03</b>	<b>15.79</b>	1.15	37	<b>15.83</b>	1.08	9
<b>c</b>	<b>3.34</b>	<b>15.44</b>	1.14	38	<b>13.97</b>	1.15	28
<b>d</b>	<b>5.90</b>	<b>11.49</b>	1.22	71	<b>12.29</b>	1.22	42
<b>e</b>	<b>8.98</b>	<b>8.94</b>	1.24	80	<b>10.45</b>	1.26	56
<b>f</b>	<b>13.09</b>	<b>6.32</b>	1.31	86	<b>8.67</b>	1.28	65
<b>g</b>	<b>17.20</b>	<b>3.99</b>	1.27	89	<b>7.88</b>	1.31	68
<b>h</b>	<b>21.30</b>	<b>2.87</b>	1.26	91	<b>6.47</b>	1.38	75
<b>i</b>	<b>25.41</b>	<b>2.51</b>	1.25	92	<b>5.88</b>	1.39	79
<b>j</b>	<b>29.52</b>	<b>2.13</b>	1.23	93	<b>5.13</b>	1.26	79
<b>k</b>	<b>37.73</b>	<b>1.94</b>	1.14	94	<b>4.52</b>	1.32	83
<b>l</b>	<b>45.94</b>	<b>1.88</b>	1.20	94	<b>3.82</b>	1.32	86



# **Chapter X**

## **Conclusions and Future Prospects**

### **X.1 Conclusions**

Text

### **X.2 Societal Impact and Contribution to Global**

**Sustainability** *(Minimum 300 words)*

Text

### **X.3 Future Prospects**

Text

# **BIBLIOGRAPHY**

- [1] J. J. Jackson, "Classical Electrodynamics," Wiley (1998).
- [2] E. Mutlugun, P. L. Hernandez-Martinez, C. Erođlu, Y. Cořkun, T. Erdem, V. K. Sharma, E. Ünal, S. K. Panda, S. G. Hickey, N. Gaponik, A. Eychmuller and H. V. Demir, "Large-area (over 50 cm  $\times$  50 cm) freestanding films of colloidal InP/ZnS quantum dots," Nano Letters, 12, 3986 (2012).
- [3] Lindeberg-Feller Central Limit Theorem, <http://www.opentrading-system.com/quantNotes/LindebergFellercentrallimittheorem.html> (Date of access)

# APPENDIX

## Title

Text

# CURRICULUM VITAE

2006 – 2011	B.Sc., Computer Engineering, Marmara University, Istanbul, TURKEY
2011 – 2013	M.Sc., Computer Engineering, Marmara University, Istanbul, TURKEY
2015 – 2017	Doctoral Candidate, Electrical and Computer Engineering, Florida International University, Miami, Florida, USA
2017	Award, Dissertation Year Fellowship, Florida International University, Miami, Florida, USA
2018	Ph.D., Electrical and Computer Engineering, Florida International University, Miami, Florida, USA
2018 – Present	Assistant Professor, Electrical and Computer Engineering, Abdullah Gül University, Kayseri, TURKEY

## SELECTED PUBLICATIONS AND PRESENTATIONS

**J1)** S. Tonyali, O. Cakmak, K. Akkaya, M.M. Mahmoud, I. Guvenc, Secure Data Obfuscation Scheme to Enable Privacy-Preserving State Estimation in Smart Grid AMI Networks published in IEEE Internet of Things Journal (Oct. 2016).

**J2)** S. Tonyali, K. Akkaya, N. Saputro, A.S. Uluagac, M. Nojournian, Privacy-Preserving Protocols for Secure and Reliable Data Aggregation in IoT-Enabled Smart Metering Systems published in Future Generation Computer Systems Journal (Apr.2017).

**J3)** S. Tonyali, R. Munoz, K. Akkaya, U. Ozgur, A Realistic Performance Evaluation of Privacy-Preserving Protocols for Smart Grid AMI Networks published in Elsevier Journal of Network and Computer Applications (Oct. 2018).

**C1)** S. Tonyali, N. Saputro, K. Akkaya, Assessing the Feasibility of Fully Homomorphic Encryption for Smart Grid AMI Networks in Proc. of Ubiquitous and Future Networks (Jul. 2015).

**C2)** S. Tonyali, K. Akkaya, N. Saputro, A.S. Uluagac, A Reliable Data Aggregation Mechanism with Homomorphic Encryption in Smart Grid AMI Networks in Proc. Of IEEE Consumer Communications & Networking Conference (Jan. 2016).