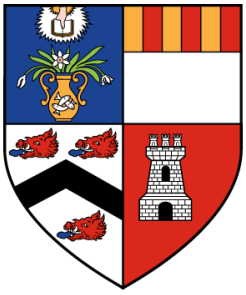

UNIVERSITY OF
ABERDEEN

Title

EG59XX Individual Project in XXX Engineering

By

Morgiane, Ph.D., M.Eng. etc.
STUDENT NUMBER

A dissertation submitted in partial fulfilment of the requirements of the award of Master of Science in XXX Engineering at the University of Aberdeen

(Month, year)

Abstract

In this dissertation, I will discuss most efficient ways of teaching LaTeXto PGTs students.

Contents

List of Figures

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Chapter 1

Introduction

This chapter introduces the topic ....

1.1 Text in bold

1.1.1 Example of subsection

Hello world!

1.2 Text in Italic

Hello world!

1.3 Text in color

Hello world!

- *Formatting text with Latex*;
- **Trying a few commands**

Chapter 2

Literature review

This chapter reviews existing literature ....

Surname	Name	Role
Macdonald	Callum	Chair
Durkacz	Kate	Treasurer
Ahmed	Shazia	Secretary
Davidson	Peter	Committee Member
Richard	Morgiane	Committee Member

Table 2.1: Members of the SMSN committee

Chapter 3

Methodology

This chapter discusses methodology of the work ....

Figure 3.2 was borrowed from MathCentre and Table 2.1 was created after the SMSN website.

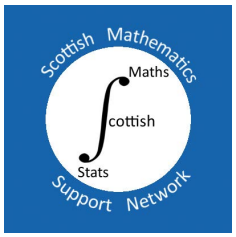

Figure 3.1: Scottish Maths Support Network Logo

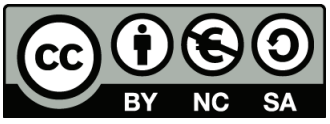

Figure 3.2: Creative Common Symbol

Chapter 4

Conclusions

Appendix A

Matlab code

Description of Matlab code

A.1 Matlab code to solve differential equation

```
N = 10;                     % Number of grid points
x = linspace(0,0.5*pi,N);   % Setup the x grid
dx = x(2) - x(1);           % Set Delta x on a uniform grid Set Delta x
    on a uniform grid Set Delta x on a uniform grid Set Delta x on a
    uniform grid

y = zeros(N,1);    % Pre-allocate the solution vector
y(1) = exp(-1);    % Set the initial condition

for i = 1:N-1  % Loop over each point in the grid
  xhalf = 0.5*(x(i) + x(i+1));
  yhalf = y(i) + 0.5*dx*y(i)*sin(x(i));
  y(i+1) = y(i) + dx*yhalf*sin(xhalf);
end
```