

# LaTeX Starter Pack

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## 1 Introduction

## 2 Basic Document Formatting

### Features we demonstrate

- Making a title and table of contents
- Organising the document into sections
- Setting up the page layout

- Designing our custom header and footer
- Formatting text
- Making (nested) lists
  1. itemize
  2. enumerate
  3. description
- Footnotes
- Typesetting mathematics
- Theorem and Proof environments
- Hyperlinks and cross references within the document
- Custom environments
- Algorithms and code
- Inserting images
- Drawing tables
- Citations

Descriptive lists are sometimes handy:

**CS 207** Discrete Structures

**CS 213** Data Structures and Algorithms

**CS 215** Data Analysis and Interpretation

**CS 251** Software Systems Lab

**CS 293** Data Structures and Algorithms Lab

### **3 Mathematics**

### **4 Computer Science**

#### **4.1 Algorithms**

#### **4.2 Environments & Code**

### **5 Utilities**

#### **5.1 Images**

#### **5.2 Tables**