

# GEO1003 - Shared Notes

Master Geomatics Students

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## Introduction

This is the introduction to the notes.

## Example

### Introduction

The goal of this chapter is just to demonstrate how things should be organized. It will be removed from the notes in the end.

## Markdown Basics

### Resources and Helpers

A nice cheat sheet about Markdown can be found at this link: <https://www.markdownguide.org/cheat-sheet/>.

On VS Code, there are some nice extensions that can help you write Markdown files:

- Markdown All in One to provide useful shortcuts and commands
- markdownlint to properly format your Markdown files

Feel free to ask me if you have questions about Markdown.

### Comments

```
This <!--This is a comment.--> is  
<!--  
Comments are not rendered.  
They can take multiple lines  
-->  
a  
sentence.
```

This is a sentence.

### Headers

```
<!-- Comment the fist headers to avoid messing up the outline of this file -->  
<!--  
# Level 1  
  
## Level 2  
  
### Level 3  
-->
```

```
#### Level 4
```

```
##### Level 5
```

```
##### Level 6
```

**Level 4**

**Level 5**   Level 6

## Bold and Italic

- Normal text
- **\*\*Bold text\*\***
- *\_Italic text\_*
- ***\*\*\_Bold and italic text\_\*\****
  - Normal text
  - **Bold text**
  - *Italic text*
  - ***Bold and italic text***

## Lists

### Unordered list:

- Unordered list item 1
- Unordered list item 2
  - Nested unordered list item

### Ordered list:

1. Ordered list item 1
2. Ordered list item 2
  1. Nested ordered list item

### Unordered list:

- Unordered list item 1
- Unordered list item 2
  - Nested unordered list item

### Ordered list:

1. Ordered list item 1
2. Ordered list item 2
  1. Nested ordered list item

## Links

[Example link](https://www.example.com)

Example link

## Images

![Example image](../../images/example.jpg){ width="250" }



Figure 1: Example image

## Blockquotes

> This is a blockquote.

This is a blockquote.

## Code

*Inline code:* ``print("Hello, World!")``

Code block:

```
```python
def hello_world():
    print("Hello, World!")
```
```

Inline code: `print("Hello, World!")`

Code block:

```
def hello_world():
    print("Hello, World!")
```

## Tables

*Table: A simple table*

| Header 1 | Header 2 |
|----------|----------|
| Cell 1   | Cell 2   |
| Cell 3   | Cell 4   |

Table 1: A simple table

| Header 1 | Header 2 |
|----------|----------|
| Cell 1   | Cell 2   |
| Cell 3   | Cell 4   |

## **Empty Section**

This section gives more information about the empty section.