

# Introduction

A brief introduction to the applications section of the course.

## WE'LL COVER THE FOLLOWING



- Structure
- Information regarding the solution

This course has a high learning curve, and if you have reached this lesson, we hope you have thoroughly enjoyed the course.

Now, it is time to apply all the skills we've learned with practical examples.

In this chapter, you will be presented with a new concept and then you will have to solve an exercise related to it.

## Structure #

The structure of this chapter will be:

- **Preview** - Introduction to the new concept.
- **Exercise** - A problem related to the new concept
- **Solution Review** - A *proposed* solution to the exercise.

## Information regarding the solution #

The solutions to these exercises are open-ended. We have *proposed* solutions. However, your solution could deviate from our solution as long as it solves the problem presented in the exercise.

You can choose any module or submodule that you have learned throughout the course. We encourage you to use the `help` command to learn more about the modules and their implementations.

Let's begin with the preview of setting up an optical system.