

## Statement of participation

# Olivier Hinds

has passed the free course including all mandatory tests for:

### Astronomy with an online telescope

This free 24-hour course teaches how to navigate the night sky, and introduces the wide variety of objects it contains.

**Issue date:** 15 December 2023



Astronomy with an  
online telescope



The Open  
University

[www.open.edu/openlearn](https://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/astronomy/astronomy-online-telescope/content-section-overview>

COURSE CODE: AOT\_2



## Astronomy with an online telescope

<https://www.open.edu/openlearn/science-maths-technology/astronomy/astronomy-online-telescope/content-section-overview>

### Course summary

This course shows you how to navigate the night sky, and introduces the wide variety of objects it contains. You will develop a hands-on understanding of telescopic observations using the Open University's own robotic telescope facility COAST sited on the island of Tenerife. This statement serves as proof of the successful completion of a course accredited by the CPD Standards Office. You have earned 24 CPD points through your participation in this course.

### Learning outcomes

By completing this course, the learner should be able to:

- understand how the apparent motion of the night sky is caused by the rotation of the Earth and the movement of the Earth around the Sun
- understand how the human eye adapts to dark conditions and how to use your dark adapted vision to best observe the night sky
- have an understanding of the different types of telescopes specified and be able to use this knowledge to plan your own observations
- understand how the positions of celestial objects are specified and be able to use this knowledge to predict when a given object is visible in order to plan observations
- understand the processes by which stars shine and how they evolve and the causes of variability in stars.

### Completed study

The learner has completed the following:

#### Week 1

Introduction and guidance

The night sky

#### Week 2

Telescopes and visual observing

#### Week 3

Stellar magnitudes

#### Week 4

Imaging Messier objects with COAST

Compulsory badge quiz (score 99%)

#### Week 5

The Sun and the stars

#### Week 6

Classifying the stars

#### Week 7

Variable stars

#### Week 8

Building a light curve

Compulsory badge quiz (score 67%)